Wacs User Guide

Twelth Edition

for WACS 1.0.1

B "Beaky" King
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by B "Beaky" King

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Abstract

WACS is a Web-based Adult Content Server environment built using the LAMP (Linux, Apache, MySQL and Perl/Php) infrastructure. It provides the database, toolchest and API infrastructure to build a sophisticated indexed archive of adult material for either personal or commercial use. It is a Free Software/Open Source package released under the GNU Public License Version 3 (GPLv3) and supports use of Oracle in addition to MySQL.

This document outlines the standard collection browsing tools included within the standard WACS distribution from the point of view of the end user. While most of the user interface is pretty intuitive, this guide should help to highlight some of the features that might otherwise be missed. It should also be useful to people considering using WACS to give them an idea of WACS' significant features and abilities. A chapter is also included that describes the *Simple Skin* demonstration web site that is included with the Wacs-PHP package, an optional extension to WACS.

The WACS source code and other documentation and support tools can all be found at the WACS website at Sourceforge [http://wacsip.sourceforge.net/]. Releases are also uploaded to the Launchpad [http://launchpad.net/wacs/] site for additional resilience. There is a demonstration web site for WACS at PinkMetallic.com [http://www.pinkmetallic.com/] where you can see WACS in action and download the sample sets featured in this document - *CAUTION: contains adult material*. The main developers can be contacted at wacs@beaky.name [mailto:wacs@beaky.name] - messages sent to this address will be treated as confidential. Any email addresses, names, URLs or other identification information will be removed before any publication of the contents on bug lists, feature requests, mailing lists etc. Commercial add-ons and support options can be purchased from Bevtec Communications Ltd, see their website at Bevtec Communications [http://www.bevteccom.co.uk/].

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Chapter 1. Introduction

Overview

Welcome to WACS, Web-based Adult Content Server, a free software package for the management of material of an "Adult Nature" (or basically whatever euphermism for porn you prefer). It is web-based and can be used for the management of an existing collection, as a download manager, or as a back-end system for running a commercial adult web site.

Tip

Visit our fully functional demonstration web site at PinkMetallic.com [http://www.pinkmetallic.com] for a first hand view of the WACS system! *CAUTION: contains adult material*!. PinkMetallic.com [http://www.pinkmetallic.com] also provides a number of complete downloadable photo sets and videos for you to use on your own web site or for testing purposes.

While it currently requires a Unix or Linux box to run on, it can be accessed from just about anything with a decent web browser - Windows, Mac, Linux, Unix or even web-enabled portable devices. In addition to being a powerful collection management tool, the underlying software infra-structure (the API or Application Programming Interface) is available for web designers and programmers to use from a range of programming languages to develop their own adult web sites (a simple example site is also provided - this is discussed in Chapter 16, *Wacs-PHP: The Simple Skin*).

WACS is dramatically different from most other image gallery systems in that it understands photo sets and video clips as basic concepts, instead of single photographs. Wacs includes far more specialised tagging, source, relationship and attribute marking concepts than other more generalised systems. WACS' abilities in the areas of searching and dynamic filtering are really industry-leading in their power and flexibility. If all you want is to index single photographs, you'll probably find a package like Gallery 2 [http://gallery.menalto.com/] more suitable.

About This Book

This book, the WACS User Guide, is designed to show you around the key parts of the WACS system and teach you how to use the many features and advanced search mechanisms to navigate a collection with ease and accuracy. While it is extensively illustrated and should provide a good foundation by itself, you will benefit from having an account on or other access to an already operational WACS server, whether it is our demonstration site (visit PinkMetallic.com [http://www.pinkmetallic.com] - *CAUTION: contains adult material*) or a WACS server someone else has already configured. If you don't have either of these, you may wish to read the companion "Installation Guide" either in parallel or first.

What's New In This Edition

This book is typically revised for each major new release of the WACS software, and while small improvements are made throughout, major changes are highlighted here for the benefit of people who have read the previous edition. The 0.9.2 release has very few visible changes from the previous releases as it is mostly focused improving the collection management tools. As a user of the system, you're most likely to notice much improved information on video durations, resolution and format. Where previously the web site owner had to add this information, WACS now scans the media for as much of this information as it can.

- Far more information is now included in the automatically added information about video clips and images than they were before.
- A few additional fields are now included in the main model pages including production date which is now often obtained from the files (photos, videos) themselves.

Browser Compatibility

WACS is designed to use very clean, standards conformant HTML (Web Documents) and so should work on just about every full featured web browser. It does use JavaScript fairly heavily but has been designed to fall back as gracefully as possible; navigation and some functionality will be impared but not severely. Primary development is done with Firefox and Google Chrome, but those Web browsers tested and known to work are listed below [1].

Table 1.1. Compatible Web Browsers

Logo	Browser	Platform	Notes
	Firefox	Linux, Windows	Also Apple Mac but not tested
	Google Chrome	Windows, Linux	Also Apple Mac but not tested
	Internet Explorer	Windows	
	Opera	Linux, Windows	
	Konqueror	Linux	
Lynx	Lynx	Linux	useful for downloading

About The Examples

For copyright/licensing reasons, the example images feature sets from photoshoots by the main developer of WACS (Beaky) and a friend of his. These sets are available on our demonstration site at PinkMetallic.com [http://www.pinkmetallic.com] - *CAUTION: contains adult material*. Initially access to the site will be free, but we may end up making a charge in the future if referral revenues and donations do not reach the hoped for level.

[1] Trademarks, logos and product names are acknowledged as being the property of their respective owners

Chapter 2. Logging In

Why Login?

WACS is designed to house content that isn't suitable for everyone to see, so there's a login procedure to *try* to make sure that only those people who should see it get to. This is done via the usual mechanism of giving a username and password, normally those that are used on the host server itself. By default, WACS will offer service to any authenticated user of the host web server system but it's possible to quickly and easily exclude certain accounts through the main wacs configuration file. Alternatively WACS can grant access based on user account details held within the WACS database itself, a more common arrangement on commercial web sites. It is also possible to grant permanent access to specific computers on your network, in which case those computers will be able to access WACS immediately without having to login first.

Warning

We've tried to provide the necessary security tools and make them work right, but don't blame us if someone in your household gets to see something they shouldn't - it's your content not ours, after all! Do also remember that protecting the Wacs system is no use if people can easily look at the disc files where the content is stored, and that the welcome page and documentation will give some clues as to the nature of the material it contains.

Unless your computer has been given Carte Blanche access to your local Wacs server, you can choose to login from the Wacs welcome page, or you can simply attempt to access any of the normal Wacs menu pages and you'll be asked to login first. Once you have logged in, you should be forwarded to whatever page you originally asked for.

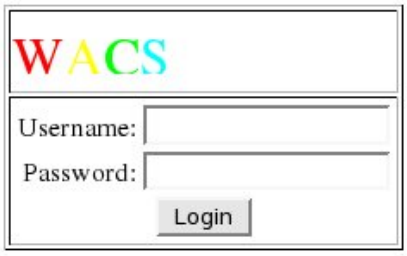
Tip

If you're nervous about access rights and security, do take the time to read the sections on *security* in the configuration manual [http://wacsip.sourceforge.net/docs/rel-0.9.2/pdf/configuration.pdf]. Although primarily aimed at those administrating WACS servers, the information given there should give some idea of the options available to you.

It might also be advisable to consider whether you should be using your web browser's cache-less mode where browsing history and icon caches are not used. This is known as *Private Browsing* on **Firefox** and can be found on the `Tools` Menu. Essentially the same thing is known as *Incognito* browsing on **Google Chrome** and appears on the `spanner` menu on the right hand side of the URL toolbar.

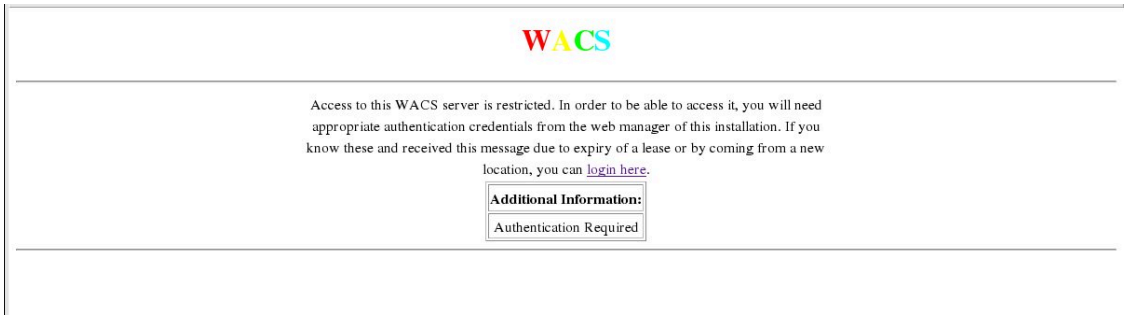
How To Login

There are two steps to logging in directly - firstly providing your username and password, and secondly agreeing to the declaration and setting your exclusions for the session (if you want to). Whether or not your username and password are case sensitive or not, and what characters are acceptable and which aren't primarily depends on what your underlying operating system on the WACS server does. In most cases it is likely the WACS server is running on a Unix/Linux machines which means that both user names and passwords are case sensitive, with lower case being a sensible assumption when not otherwise specified.



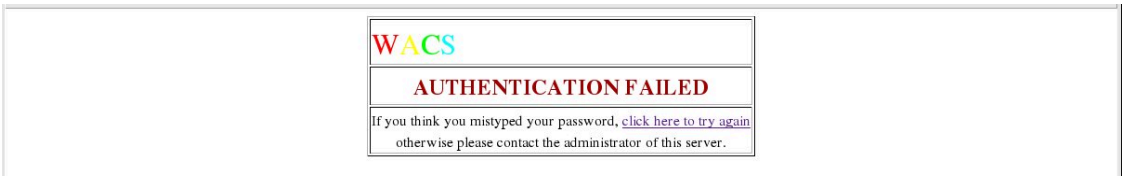
WACS login - first login screen

If you choose to start your login process simply by trying to access a protected page, you will get the following information screen. Providing you have logged out at the end of the last session, this is also the screen that someone calling up any WACS-based URL in your web browsing history will also see. Additionally, you may see this screen at any time when your *lease* expires, ie the login session is deemed to have lasted too long and the WACS server has decided it's time to check you're still you! You do additionally have the option to add a link to a page which contains details of how people may obtain an account on this system. This extra message is activated by specifying a URL for it in the main WACS configuration file.



Authentication Required screen

If you get your account details wrong, you'll get this somewhat cryptic message (intentionally) appearing with the option to try again. This is also the screen that valid users of the server who are on the WACS banned user list will see when they attempt to login.

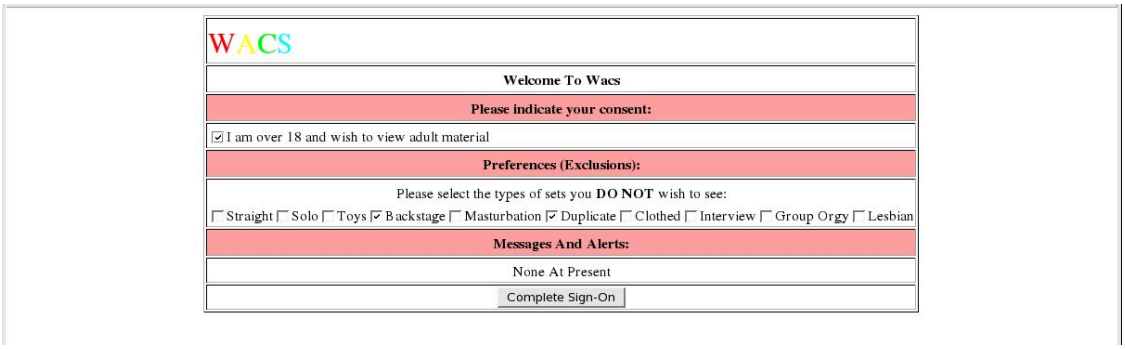


Authorization Failure screen

Once a valid and permitted username and password has been correctly entered, a second screen appears asking the user to confirm that they wish to see adult material and establishing what we call the session exclusions for the upcoming WACS session.

Session Exclusions

Exclusions is as far as we know an exclusive feature to WACS; it allows you to tell the system to hide certain types of content from indexes. For example, if you only wish to see each girl on her own, you can tick the boxes to exclude straight, group orgy and lesbian sets from display. Then as you browse through the various sets in Wacs, you won't be shown thumbnails to sets of a type that you said you didn't want to see. Many of the Wacs web pages will include a note to the effect that some sets have been excluded and will give you a way to override these exclusions and see all sets. You can also change your exclusions at any time using the preferences screen within WACS (accessible from the Main Menu aka front page under the Preferences tab) and from certain other places.

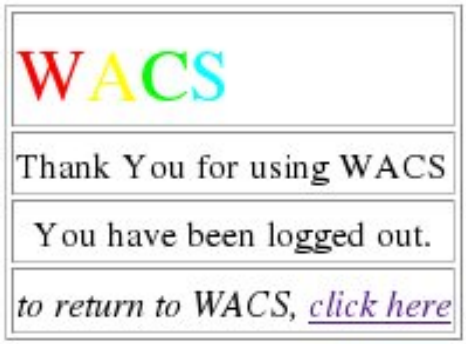


WACS login - second login screen

From time to time, additional messages may also be displayed on the second login screen, covering such things as the imminent expiry of some of your saved searches. If you wish to change your preferences after logging in, the preferences tool will allow you to do so, but more about that later.

Logout

While WACS uses timed leases to ensure that the ability to access the material is not left open indefinitely, it's generally a better idea to terminate the session explicitly so no one who comes to a computer (or gets the same dynamically assigned host address) straight after you gains unintended access to the WACS system. This can be done from the main menu using the logout option; this basically terminates your lease early and will require a re-login with valid credentials to access the site again.



WACS logout

Warning

You also do need to attend to the cached images in your web browser software as those will remain visible to the curious (or suspicious) even after you have logged out of WACS. The logout process does not (cannot) remove any of those.

Once you have completed the login process, you will be presented with whatever page you asked for, most likely the WACS Main Menu (also known as the Front Page). Next we'll have a look at it's layout and contents...

Chapter 3. The WACS Main Menu, aka Front Page

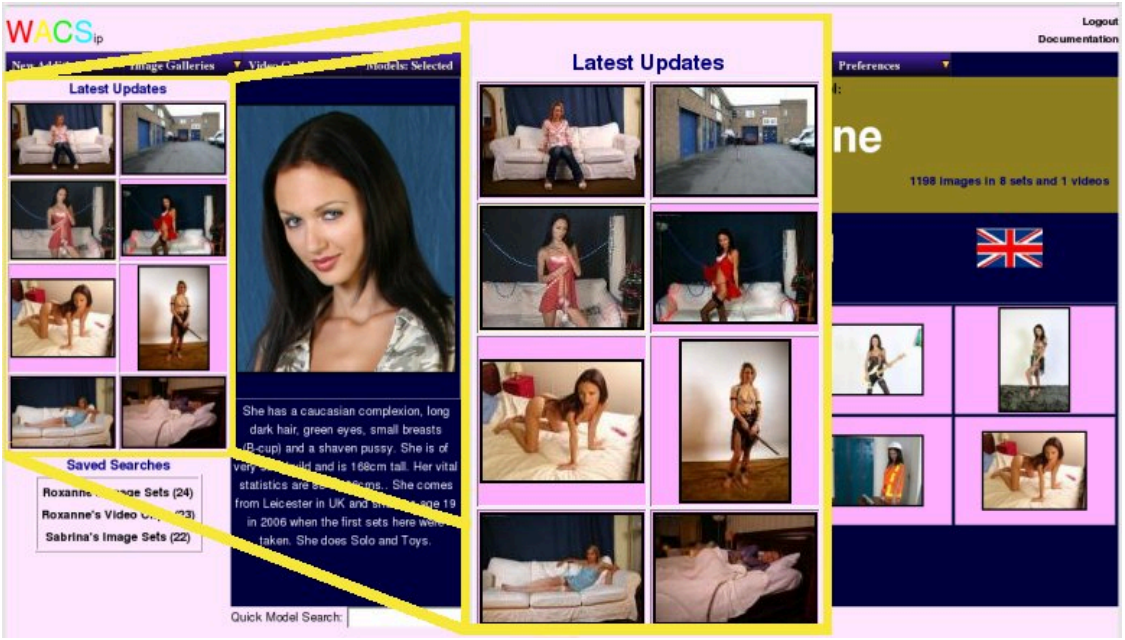
Introduction to the WACS Front Page

The WACS Front Page is the starting point for exploring the WACS system, so we're going to start here in our look at the system. As we go along, we will introduce each of the concepts used within the system as we encounter them. We hope you'll find the WACS system reasonably easy to use, but we have designed it to be powerful and flexible and so there are many different ways to navigate through the system. We believe this flexibility is a good thing, but it does come at the price of some extra complexity. Hopefully this user guide will make that complexity understandable and you'll soon be reaping the benefits.

The front page itself gives you loads of options, menus and information and even search facilities, so let's go over it a piece at a time. On the left hand sidebar you have a selection of the latest updates and an index of your saved searches (if you have any). The main part of the page has a randomly selected featured model, a selection of her sets and videos and links to other similar models. Just below this you have a search box that allows you to quickly search for a model by name. As for the featured model - want to roll again? - just hit your browser's refresh button....

As you'll see, the front page has a menu bar right across the top which gives you direct access to (most of) the rest of the system. We'll look at some of the things you can get to from there in the next few chapters, but for now let's look at what's on the front page itself.....

New Stuff Highlights

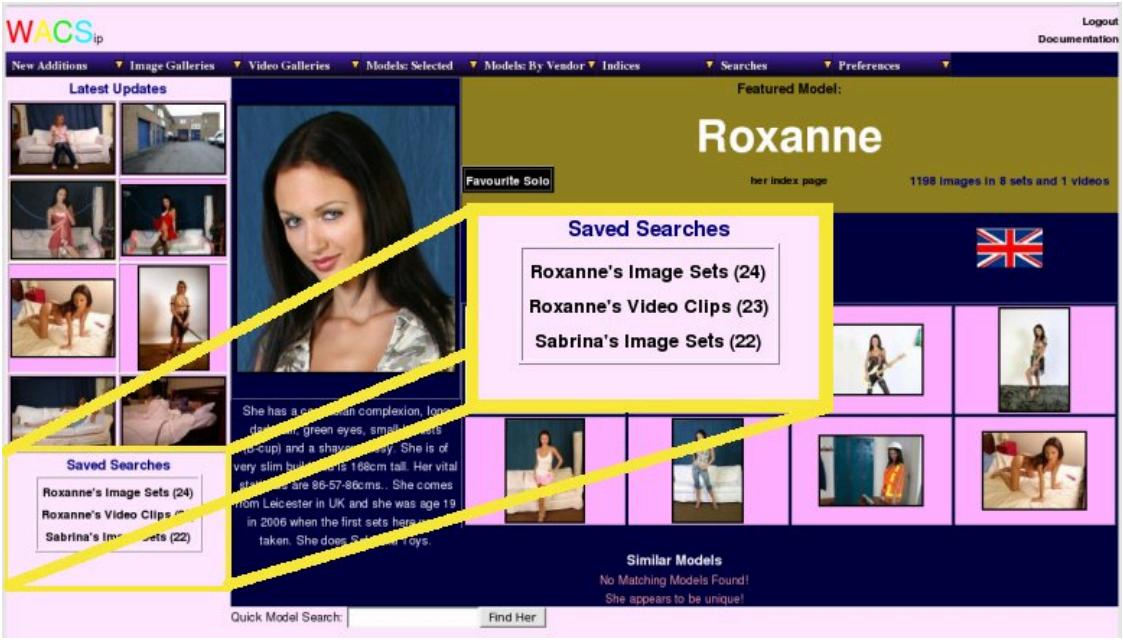


On the left hand side of the WACS Front Page, you will see a group of set icons highlighting recent additions to the collection. This is a random selection and should change at least some of the icons each time you look at the Front Page. How many different sets are offered depends on how many have been added recently. When new additions have been few and far between, the period for which sets are considered new is automatically lengthened to increase the chance of it highlighting a set you haven't viewed recently.

Both image sets and video clips are featured here, and as you will notice the border colour changes depending upon the type of media the set is. By default, a pink border means an image set and a yellow border signifies a movie clip, but the administrator of the WACS installation can change these colours if they wish. You will see this concept of using colours to identify the type of the set concerned being used consistently throughout the WACS system.

If you want to see the image set or video clip offered, the icon is a link to the set itself offering you more details and the chance to either download it or view it. It is possible to see a full list of all the new additions by selecting the appropriate option from the pull down menus, but we're covering that in a later chapter.

Latest Search List



Although you probably won't see anything there on your first visit, the front page will automatically include a list of your latest saved searches just below the new set highlights. Whenever you do a search for sets, videos or models on WACS, it creates a saved search (also known as a tag set) for you. You can revisit this as many times as you like until it expires, viewing or downloading at will from the results of the search you made. There are many neat features of the search system, but those will be covered in a later chapter - for now, you just need to know that you can find them easily here on the front page once you've made some.

Featured Model

The main section of the front page features a randomly selected model and a number of her sets. On the left hand side is a large headshot of the model, and below that a description of her along with what biographical information we have for her. Where available this includes her age, vital statistics, hometown and details of what kind of sets she appears in.

Immediately to the right of this is a masthead containing her name, a link to her index page and details of how many image sets and videos she appears in. If she's been marked as a favourite model (more on that feature later), this will also be indicated here. Below this we have a bar for icons; on the left are any attribute icons she's been marked with (more on this in a moment), her overall rating ranked from 1 to 5 (5 is best), and where known, the flag of the country she comes from.

Model Attribute Icons

We mentioned attribute icons - you will see these many times within the WACS system as they're part of the set markup system. While many of the attributes relate to locations or activities, there are about a dozen or so that related directly to the models themselves. These include such things as whether the model has a shaven pussy, short hair, piercings, tattoos, and the like. Presence of these indications on a model's details do not mean that they feature in all of her sets, but most likely on the majority. These same attributes can be added specifically to each individual set, along with a whole lot more that describe aspects of the set itself.

One aspect we cover pretty thoroughly with the attribute icons is what the model does with her pubic hair because this seems to be quite important to a lot of people. What's more it will often change between photoshoots and sometimes even within a single shoot, especially if a shaving set is included! We basically have four icons which cover just this area and they're shown below; the model is usually marked with her *normal* style in the model details record, but this can be easily modified in the details for each set.

Table 3.1. Pubic Hair Attribute Icons

Icon	Keyword	What It Means
	shaven	The model has a shaven pussy
	brazilian	The model has a brazilian style shaved pussy; a small tuft of pubic hair above her vagina but clean shaven either side.
	trimmed	The model has trimmed pubic hair, but not as extreme as the above two.
	hairy	The model's pubic hair is thick and natural.

Obviously pubic hair isn't the only model attribute we are interested in identifying - there are quite a few others, including presence or absence of body art and piercings, so these are duly flagged up too, along with other unusual extremes like short hair or particularly small breasts. Here are some of the key ones:

Table 3.2. Some Other Model Attribute Icons

Icon	Keyword	What It Means
	tattoo	The model has at least one tattoo
	tinytit	The model has really small breasts
	shorthair	The model has short hair
	piercedclit	The model has piercings in her pussy area
	piercedtit	The model has piercings in at least one of her nipples

Below the icon bar, we have a sampling of sets from this model, normally eight of the more recently added ones. Note that normally only models with a good rating and at least eight sets within the system will be selected as a featured model. However if no models meet that criteria, the standards will be lowered to ensure at least some models appear here. Once again the border colour around each icon indicates whether it is an image set or a video clip, with yellow signifying a movie clip. Clicking on any one of the icons will show you more details on the set with options to view or download it.

Other Models And Finder

Below the sampling of the featured model's sets, you'll normally also see a number of other model's head shots - these are models who share the same attributes with the featured model; so if the featured model is a blonde with small tits and a shaven pussy, the models featured here will be the same. Note that unlike the featured model, those selected as being similar to her will not necessarily have at least eight sets or a high rating. Clicking on each of these icons will take you to this model's index page. They're missing from our demonstration site because no two models we've yet shot sets with have the same attributes.

Finally right down the bottom, you will see a small search box into which you can type a model's name to find your favourite models quickly by name. If there's more than one model with that name, you'll be offered an index of them to choose from.

In the next chapter, we'll look at what you can do with a set itself, so if you want to follow along you should click on one of the image sets of the current featured model or one in the Latest Updates area - please choose one with a pink border (ie an image set) first...

Chapter 4. Looking At Images And Videos

Introduction to the Set Page

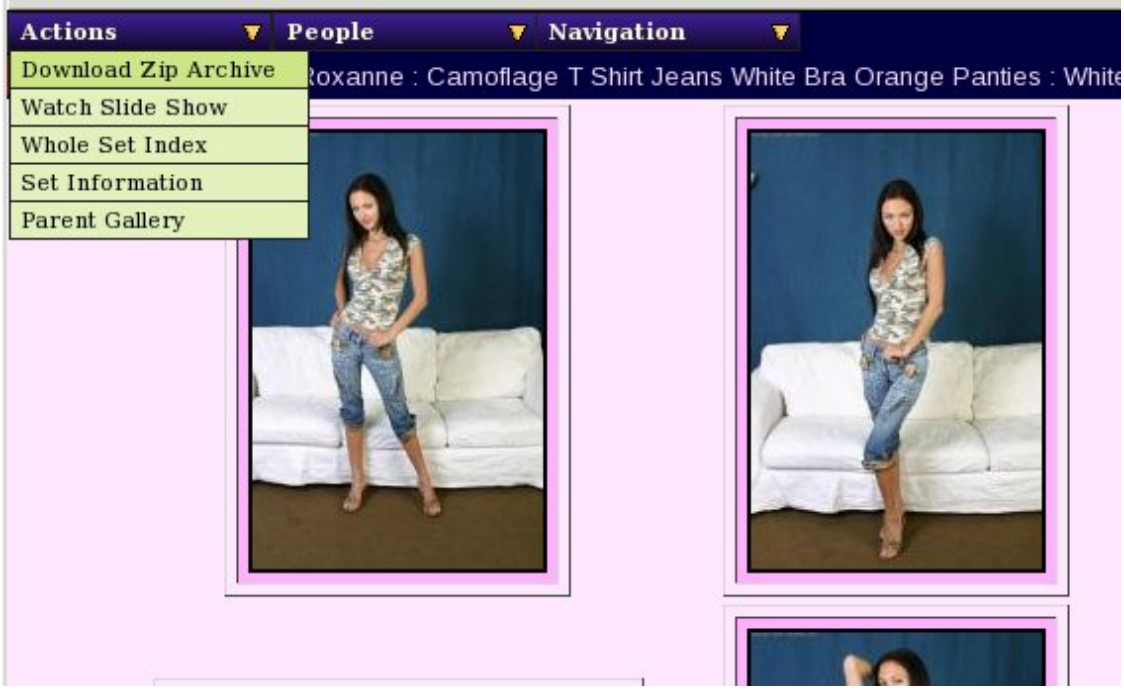
When you find a set you want to look at you'll normally end up at a screen like this (known as the set page) containing a neatly laid out set of thumbnail images. From the pull-down menus at the top left of this page you have the option to download the whole set or to see it as a slide show, or if you're not quite sure about it, you can continue to glance through these pages of thumbnails of the images that comprise the set.

The Set Page

The Set Page For Images

The Set Page (for images) has a row of pulldown menus along the top with some basic information about the set (the type, number of images and photographer if known) at the right hand end. Then below that is a navigation and information bar specific to this set. From the left this starts with a list of page numbers with a direct link to each page of thumbnails of the set; then the name of the set (a short description) and then some navigation buttons. These navigation controls take the from of icons with the conventional symbols on them: where appropriate these are for first page, previous page, next page and last page. When it wouldn't make sense, such as in the example shown where we're on the first page, the first and previous icons do not appear. For ease of use, this navigation bar is repeated at the bottom of the page. The final link

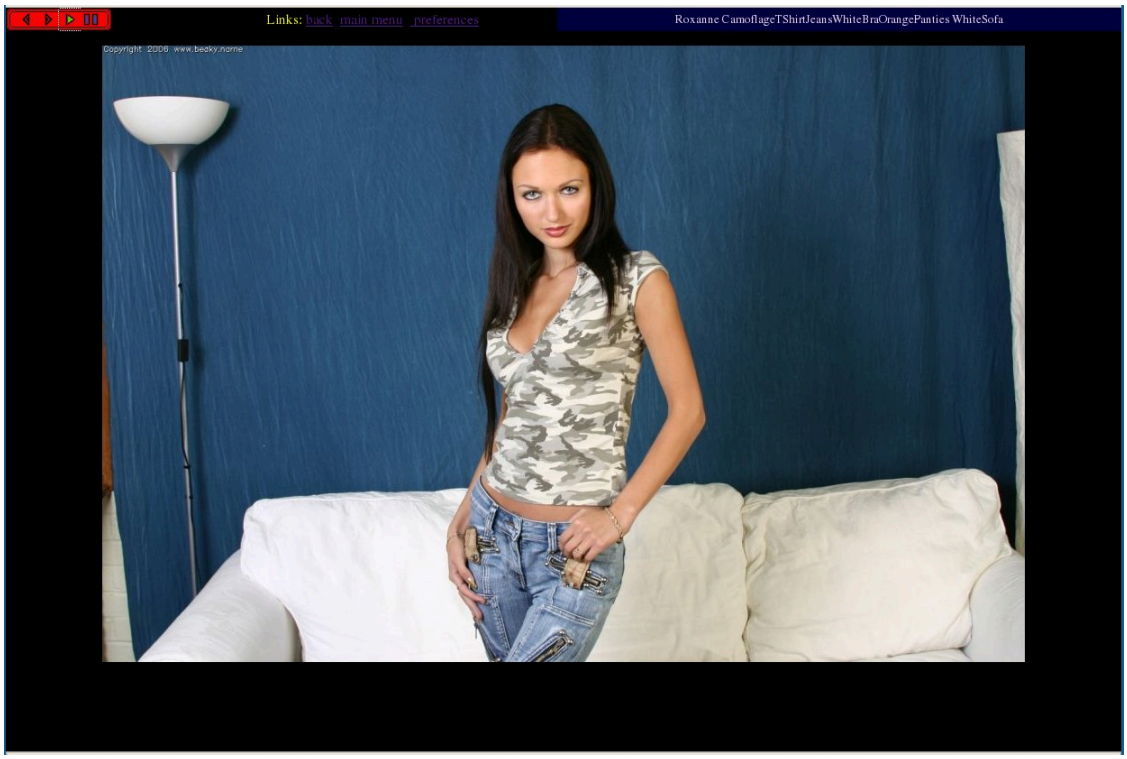
(the small print) is to a part of the WACS system that fetches the 18 USC 2257 declaration information required by US law for adult web sites based in the US. Generally the US guidelines are adherred to by most responsible web site owners elsewhere in the world as well, and so this feature is included as standard in WACS. Even if you don't want to adhere to those guidelines, it's no harm done to say so and why not.



Navigation From The Set Page For Images

Here is an example of the Actions menu on the WACS image set page. As you'll see, it offers you the chance to download a zip file of the set, the choices of alternative ways to view the set and the parent gallery (we'll cover this concept in Chapter 10, *Exploring The Galleries*). The choices of how to view the set are as a slide show, a whole set index (which is described next) or the summarised set information. You can also click on any one of the thumbnails and that will show you a larger version of that image, usually options to explore the set from there.

If you just want to sit back and enjoy a set, slideshow is the perfect way to do so... maximise your web browser and let it run.



Slideshow on a Set

We've tried to keep the slideshow screen as uncluttered as possible, so you have four control buttons in the top left corner - previous image, next image, play and pause. You then have three links - back (to whatever page you came to the slideshow from), main menu and preferences. Then on the right hand side, you have the name of the set. We've tried to keep these entries as unobtrusive as possible and as few as possible, to focus the attention on the slideshow itself. The link to the preferences screen is actually fairly important as it contains a lot of ways to make the slideshow more to your liking. You can control the size of the images, their quality and the wait time between one image and the next - but more of that in the chapter later on called Chapter 15, *Advanced Topics in WACS Usage*.

Returning to the top bar menus on the set page, we've now seen what the Actions menu allows you to do, so now we'll move on to other two on this menu bar. The next menu as we work towards the right, People, connects you to the model page (or pages if multiple models feature in the set), and to the Photographer's set index (if the photographer is known). The third menu, Navigation, is a standard menu that'll you'll see on just about every other page in the WACS system and is designed to make it easier to navigate your way around.

Tip

Depending on how much is on the set page and how fast your link to the WACS server is, it may take a moment or two before the pull down menus become available. However even before the pull down menus become active, the default action on the menu can be taken by clicking on the menu title itself. For the Actions menu, this is to download the zip file of the set; for the People menu, this is go to the model page of the model (or first model if there are several); and for the Navigation menu, this is to go back to the Main Menu (aka Front Page).

As we mentioned a moment ago you can also view a big version of any of the images by just clicking on the appropriate thumbnail. You should then see a page something like this....

image 1 of 270: First Previous Next Last Index Model: Roxanne

Framed Full Image

This little page has some tricks up it's sleeve! Down at the bottom you have the navigation controls which let you step forwards, backwards, jump to the beginning or end, go back to the thumbnail page or go visit

the model's page. However if you left click on the image itself, it'll take you to the next image which (if you've enabled javascript on your web browser) will have already been downloaded from the server for you!

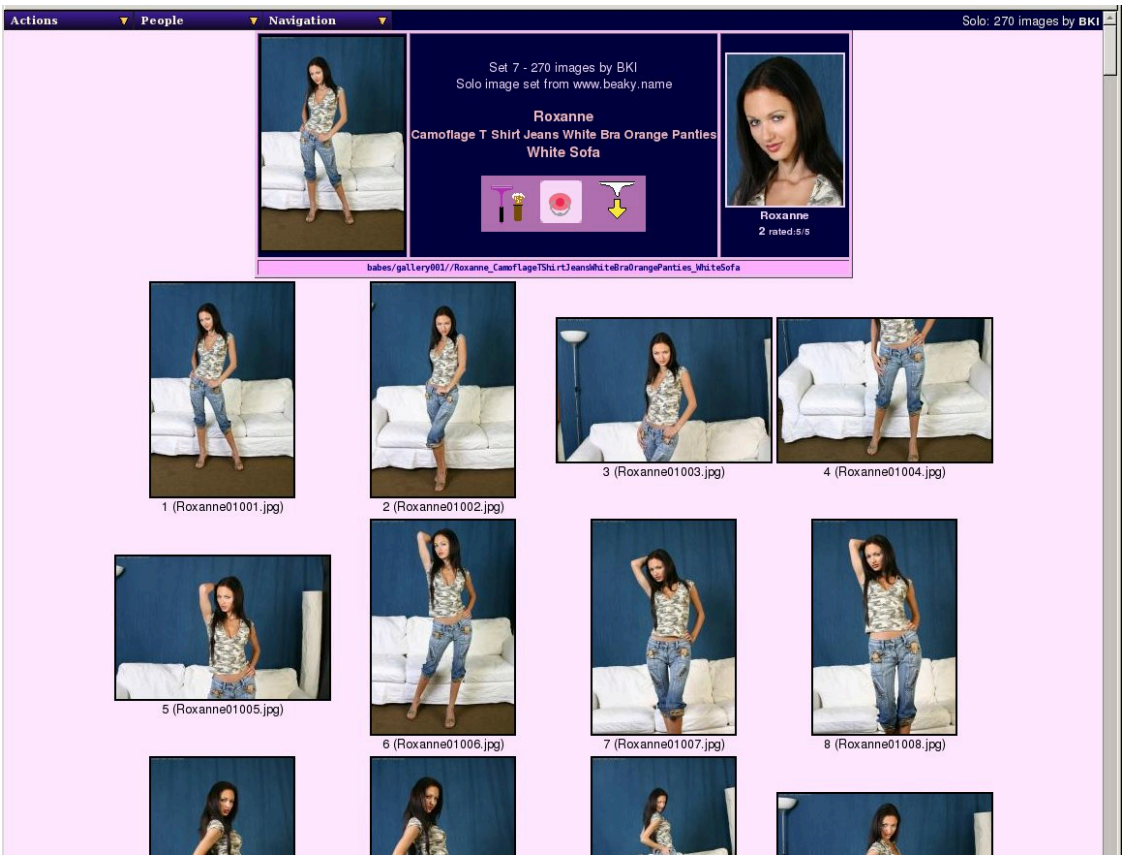
Warning

You can easily save the image by right clicking on it, but be wary - this will be the size at which you are seeing it which may not be the best quality image available - downloading the zip file will always give you the best quality versions of the images that WACS has.

Tip

Depending on your preferences settings and/or how the site manager has configured things, you might just see the image by itself without this frame (you can change this easily, details are given later in the advanced topics section - Chapter 15, *Advanced Topics in WACS Usage*).

The Set Index For Images



The Set Index For Images

This is a slightly different version of the same screen which isn't as pretty but does include all the images (instead of the first 12 or so) and some additional information about it, including where it is actually located in the server file system and the actual name of each image file. This is more of a site owner's page really but it has it's uses - it is linked to from the set number link on the detailed model page, new sets page or

index link at the bottom right hand corner of the model thumbs page. If you just want to get an overview of how the action in a set progresses, this may not be the best tool, you may want set information instead.

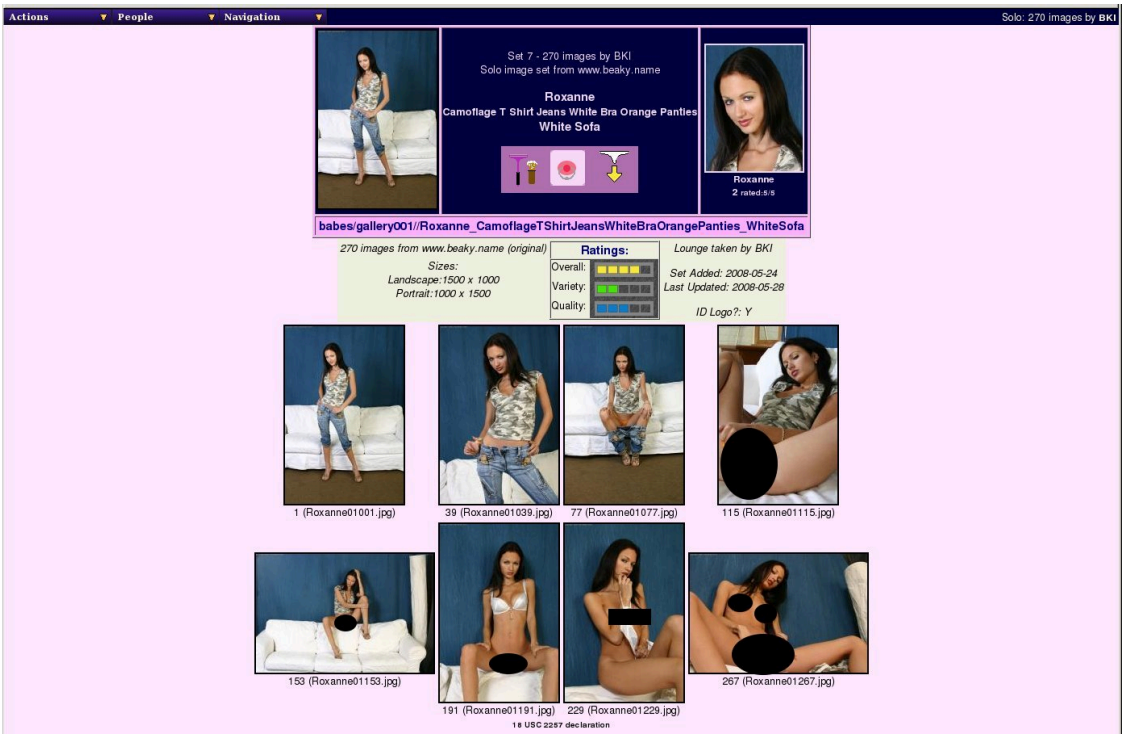
Warning

The set index page can take a pretty long time to load as it has to download thumbnails for each and every image in the set. Generally, unless you need really to see all the thumbnails, the set page is quicker to display and easier to use.

Tip

If there is a link present on the filename written below each image on this page (ie if your cursor changes when the mouse pointer hovers over it), that link will take you directly to the full size, highest quality version of the image, while the link on the thumbnail will normally be to the framing page with it's navigation and potentially smaller version of the image.

Set Information Page



The Set Information Page

The final one of the image set pages is the set information page; this contains a lot more pieces of information about a set and eight icons taken at even spacings through the entire set. This can quickly give you a very good idea of what happens in the set. Explanations of what all the other bits of information given mean will be given as we explore the rest of the WACS system over the coming chapters.

We will also return to the topic of galleries in Chapter 10, *Exploring The Galleries* and hopefully you'll see why that extra link in the menu is so useful.

The Set Page For Videos

Videos are obviously a little different from images as we can't show them as part of a web page in quite the same way, and you generally don't want a video starting to run before you're ready for it. While in the future we may well have a YouTube style icon surrounded by controls with a click to play link, we don't support that at the moment. What we basically do is give you the set information page (the summary one) with a few little tweaks when you look at a video.

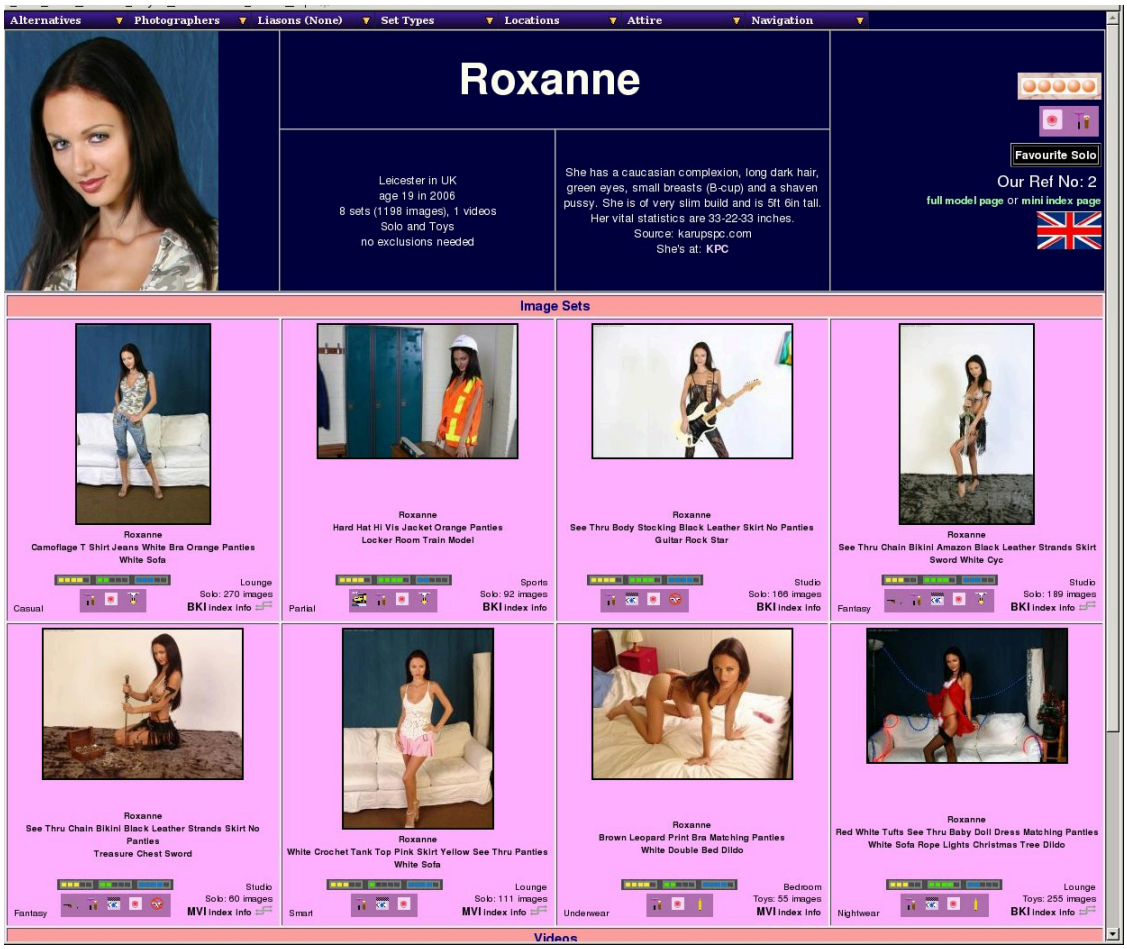
The Set Page For Videos

While what WACS can display for videos is currently more limited, this is a simple example of what the set page for a video looks like. As you can see, it tries to include additional technical information such as the type of movie it is, duration, size and type of set featured. If it has been rated (as shown here), that will also be included. WACS will also include any additional icons or descriptions it has when showing the set page for a video clip.

Shown included here for the first time is both an official icon and the text description of the set; these are standard features that can be used by both videos and image sets alike, but we thought we'd show it here first. The official icon is usually a titled icon that maybe used as an alternative to the automatically generated thumbnail or screenshot. Since they vary immensely in style between sites, we don't tend to use them as the primary method of identification, using instead the more uniform thumbnails we create ourselves which have a more consistent look and layout.

Chapter 5. The Model Page

Overview of the WACS Model Page



The Model Thumbs Page

Whenever you click on a model's name or headshot on the front page or any of the other indexes, you'll be taken to the WACS Model Page for that model. Actually, you'll be taken to one of the four basic variants of the WACS Model Page, depending on the type of the page you came from. The variants differ primarily in the size of the icon given for each set and the amount of information given; it's easy to switch between them using the Alternatives menu at the top left hand corner of the model page itself. There are also links to the other model page variants on the right hand side of the top part in case your web browser doesn't let you pull down the menus while a page is still displaying.

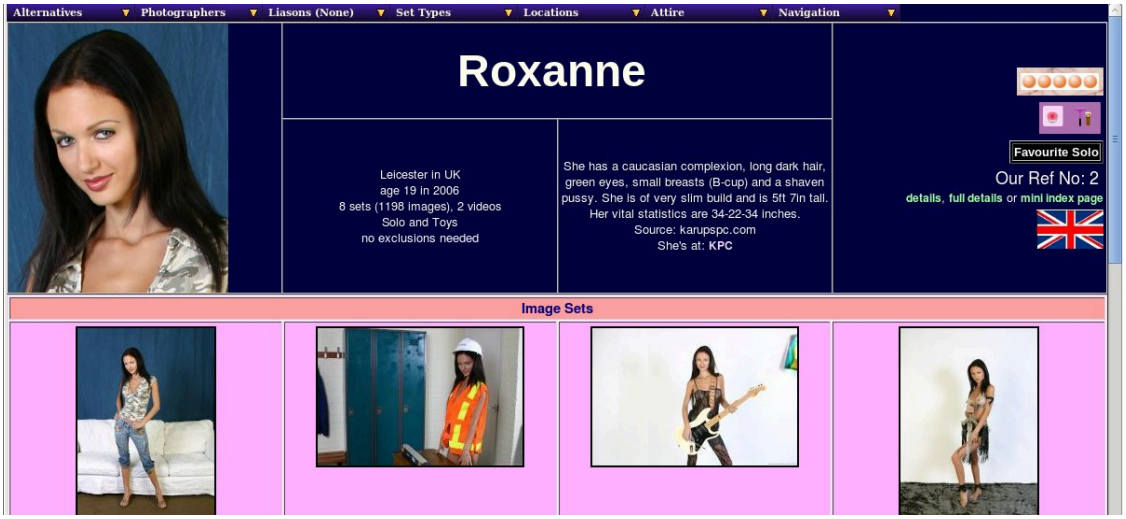
This is one of the most important pages in the whole WACS system, and one of the most powerful and useful ways to explore the collection. The pages all have a very similar basic layout which consists of a heading with the model's details and bio, the images section and towards the bottom the videos section. We'll go through the information, menus and content over the next few chapters.

The Model Page Masthead

The model page itself consists of a menu bar which includes lots of ways of modifying the information displayed - it'll let you rapidly pin-point exactly the type of set you're looking for within each model's collected works - more on this below. Immediately below the menu bar we have the masthead - this basically tells you all about the model and includes a headshot and the various attribute icons that have been associated with her.

The masthead includes a lot of biographical data such as where she's from, what age she was when the photos were taken, what her job is and what her vital statistics and other attributes are. It also summarises how many sets and videos we have by her, and tells you what types of action she's to be seen in within the collection. Many of the attributes listed here can actually be searched for across the entire WACS site as we shall see in a later chapter (Chapter 11, *Searching With WACS*).

This masthead is basically common for all four versions of the model page, although it includes the smaller headshot on the miniature icons version.

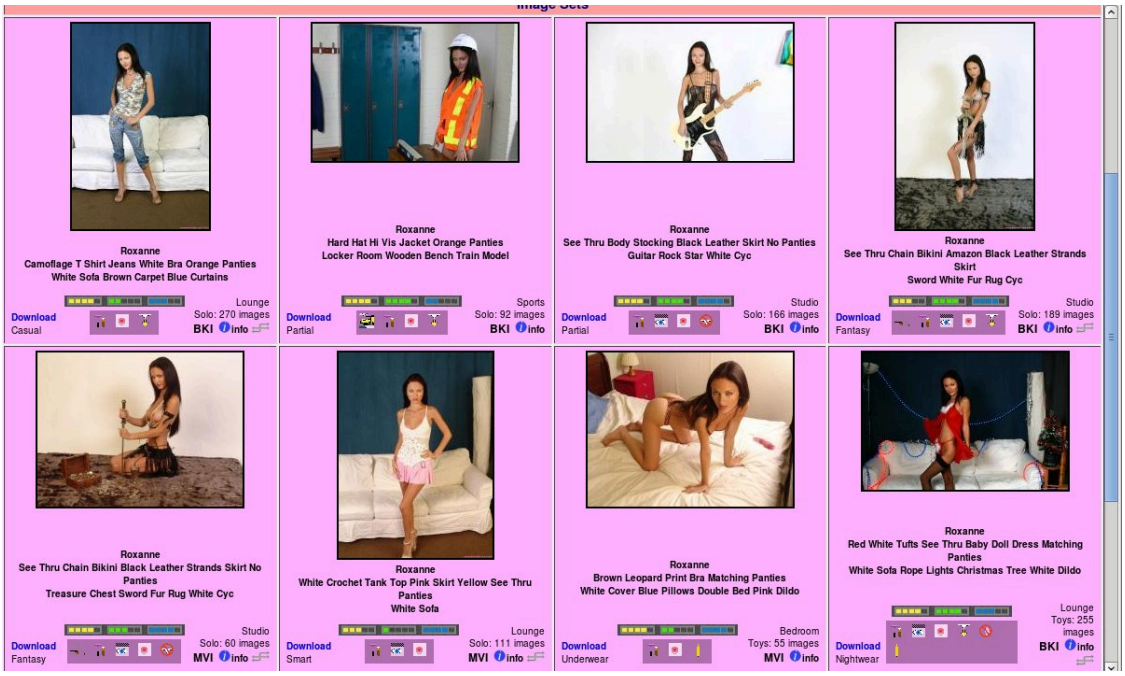


The Model Page Masthead

There are serveral links down the right hand side of the page - if the model has been marked as one of the categories of favourite, the black box (as seen in this example) links to the other models of the same group of favourites. There are four types of favourite: Cuties, Solo, Lesbian and Straight; plus two other flagged types: Currently Featured Model and Placeholder. Placeholders are used for links that are not a single individual; eg an unnamed but repeating group of unidentified models for instance. Continuing down the right hand side of the masthead you have the model reference number which can be useful and just below that links to the other three versions of the modelpage; in this case the full details version, the detailed version and the miniature version since this is the larger of the two smaller ones, the thumbnails version.

Model Page Images Section

After the masthead section that tells us all about the model herself, we move on to the actual content we have featuring her. The first section we come to is the section that covers image sets in which she features...



The Model Page Image Section

Here we have a sample images section of the mid-sized thumbnails version of the model page. Each set tile contains the icon at the top, then the set description and then the set attributes and details. The set description is designed to tell you a reasonable amount about the set itself, the clothing featured and the location and action involved. Typically the set description is in three parts; the first part is the name or names of the models featured in the set, the second part is about the clothing or outfit worn in the set (or at least at the start of it!) and the third set describes the setting and action which takes place in the set. In many cases the words used in describing the set will also cause certain aspects of the set to be marked as attributes; if the word kitchen appears here, the set will be assumed to be in a Kitchen; if the word Dildo appears here, it will be assumed to include toys.

The bottom section of each tile is divided into three areas; the part on the left, which is occasionally empty apart from a link to download the set, will the general clothing type where known and may contain names and links to the model page of any additional models featured in this set. In this case it'll say "Also Featuring" and then give a list of model's names. The middle section contains the set ratings and attributes marked for the set. There are three set ratings provided: overall (yellow), variety (green) and technical quality (blue), each one having a score between 1 and 5 with one being the worst and 5 being the best. The attributes will be a combination of the model's attributes (Shaven Pussy and Pierced Nipple in this case), and the set's attributes. If you look at the third set across, the Rock Star one, you'll see the icons for "See Thru" indicating semi-transparent clothing items and "No Panties" signifying an edifying lack of underwear! The table below shows some of the clothing based attributes that can be applied to sets.

Table 5.1. Some Clothing Attribute Icons

Icon	Keyword	What It Means
	nopanties	Absense of panties from the model's atire.

Icon	Keyword	What It Means
	seethru	At least one item of clothing is significantly transparent and revealing.
	nude	The model appears nude, or merely wrapped in a dressing gown or towel.
	nonnude	The model appears clothed at all times in this set.
	uniform	The set features a recognisable piece of specific trade related workwear.
	schoolgirl	The model pretends to be a schoolgirl even though she should be too old for that, an old favourite.
	cheerleader	An American favourite; a dialect of the schoolgirl theme!

There are other icons that can also appear in this group that are related to location or the action featured within the set, but we will return to that topic later on when looking at the dynamic filtering options provided by the menus at the top of the page.

Moving to the right hand group of the bottom row in each image set tile, you will see we have three rows of information. The top row gives the generalised location of the set concerned: Lounge, Bedroom, Studio and so on. It's possible to tell WACS you only want to see the Bedroom sets, or only the Lounge sets, and so on. These are generalised terms picked from about 12-15 alternatives to ensure that they serve a useful purpose in making general selections of sets having a similiar theme.

The next row down gives you the basic categories: Group Orgy, Straight, Lesbian, Toys, Masturbation, Solo, Clothed, Interview, and so on. In fact the very same categories you were asked to make choices on as to what to exclude when you first logged into wacs back in Chapter 2. This is followed by information on how many images are contained within this image set.

The bottom line consists of useful links - the BKI and MVI links are to the photographer for this set. These take you to the Photographer's index page so you can find his/her other work. Next to this is a link to the set index for the set - labelled index - the icon and set title have links on them to the set page (the prettier paged version) instead. You can therefore choose which form of the set thumbnails you wish to look at directly from the model's page itself.

Tip

There is also a photographer pull-down menu at the top of the page but that does something different - that selects this models set with the choosen photographer. This link tells you more about the photographer in question. There's a lot more about the pull down menus in the next chapter, Chapter 6, *Dynamic Filtering* which discusses the way you can use the menus to select just some of the sets.

Next to the index link in the bottom right hand corner of the image set tile you will sometimes see some additional icons. The table below gives some of these with what they mean.

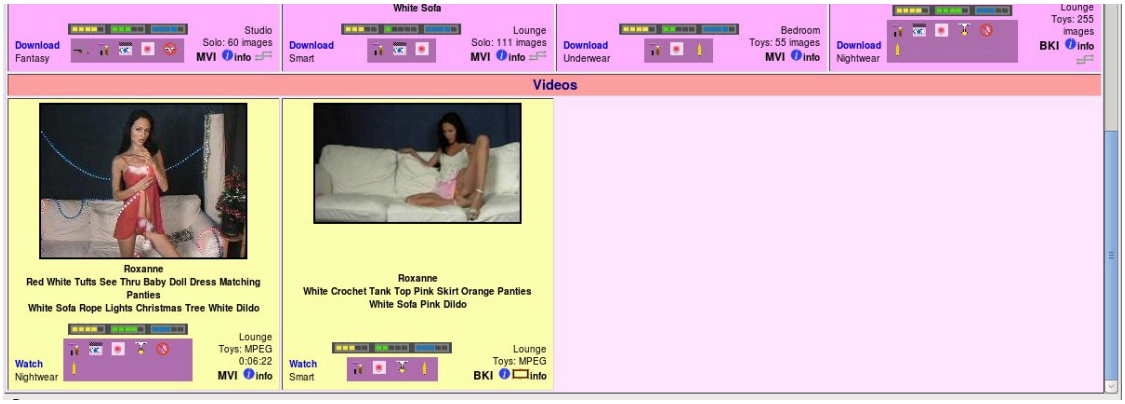
Table 5.2. Additional Link Icons

Icon	What It Means	Notes
	connection member	This set is a member of a connection - a specialised, named group of sets linked together my a very specific theme, action or item of clothing - "Warrior Women", "Brazen Nudity In The City", "ART's Oriental Tunic Dress"
	additional information	This icon shows that a longer description of this set exists that either describes it, or gives a related story.
	gallery of icons exists	The set has a collection of additional icons related to it; either artwork, a selection of thumb nails, or something like that - more commonly used on video clips but available for all sets.

We'll return to the concept of connections in the chapter on the various indices later in this book (Chapter 13, *Tour Of The Indices*) - however you do need to be aware that it's a relatively new feature and the WACS site you're viewing may well not be using it yet. In fact, we'd have to admit it's not been very easy to create a connection until recently but it's a neat feature and one we will be focusing on improving in future releases. We have included an example of how connections can be used in the chapter on indices later in the book, so be sure to check it out.

Model Page Videos Section

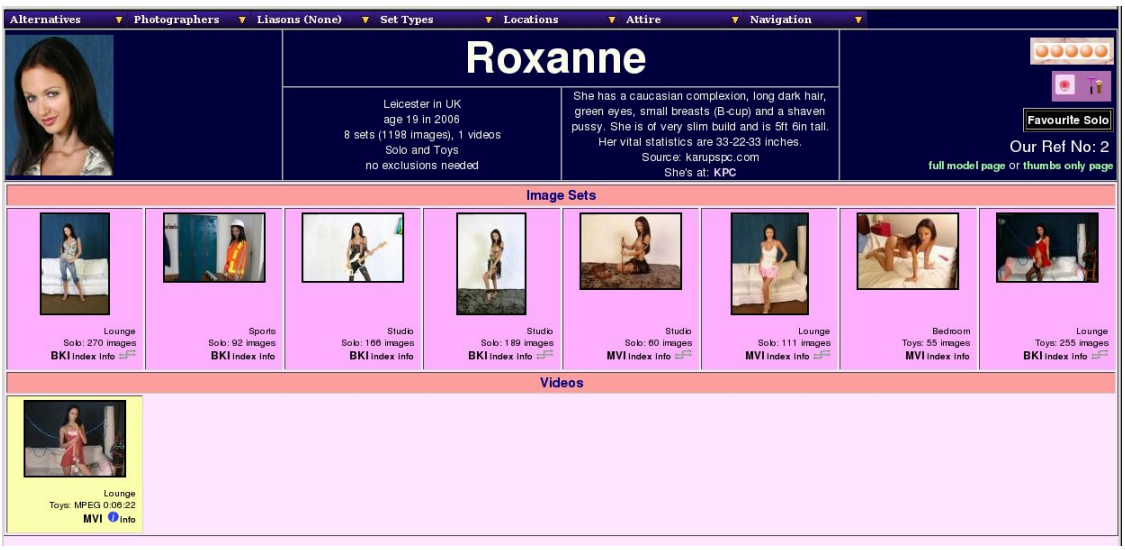
And moving on down to the bottom of the model page, we come to the videos section, which covers the video clips we have featuring this model. In our example we have two videos available featuring Roxanne.



The Model Page Video Section

This is the section of the standard model page which deals with video clips; it is tiled in much the same way as those for the image sets. As before the icon is at the top, then the description, and then the information section. Once again the information side is divided into three sections; the left hand side is for additional models featured and a **Watch** link, the middle is for rating and set attribute icons and the right hand side tells you more about the video clip. At the top is the location, next is the type of action featured, the type of video file (MPEG, Quicktime, WMV, etc), and then if known the duration. Below that you get the photographer link (if known) and the other icons described above about additional descriptions, icons and the like. Since there aren't separate paged and unpaged set indexes for video clips, no second index link is included.

The Miniature Thumbs Model Page



The Mini Thumbs Model Page

The second of the four forms of the model page we're going to take a look at is the mini-thumbs one; this reduces the size of every thumbnail in order to get many more visible at any one time. It's particularly useful if you have a model with a massive number of sets - some models on our internal test system have well over a hundred different sets to their name! With those it makes a real difference; for most models you can see all their sets at a time here.

Obviously at the smaller size, more of the details had to be left out, but most of the core features remain and work the same as in the normal sized thumbnails version of the Model Page. There are two other versions which include massive amounts of extra detail; so much in fact that there's a whole chapter devoted to them. However, first we'll look at the dynamic filtering tools which are available in all four versions of the model page.... in the next chapter.

Chapter 6. Dynamic Filtering

Model Page Menus

In the previous chapter, we introduced the model page and described it's layout and features, but you may have noticed that we skipped over the menu bar at the top of the page. This is because we wanted to introduce some of the concepts involved step by step as we worked down the page. You should by now understand that we identify each set as having a certain type of action within it and as being in a certain (generalised) location. You will also know that WACS includes the ability to keep track of the photographers as well as the models. You should also be beginning to get an idea of some of the attribute icons that are used to identify other features of the sets.

Now we're going to cover the menus at the top of the model page and the ways you can use them to refine and select from a given model's sets to home in on just those you most want to see. You do need to understand that some of these menus are actually configurable by the site system manager and so it is possible that the layout may be different from what we describe here. You also need to realise that the page has to finish displaying before the menus get their little yellow down arrows added and the pull-down menus become active and usable. This just appears to be a feature of the menu script technology we decided to use for WACS.

Model Page - Typical Menu Bar

Anyway, working from left to right across the top of the model page we have seven menus; they are (usually) Alternatives, Photographers, Liasons, Set Type, Locations, Attire and Navigation. The last of these is a generalised navigation menu that appears in many of the WACS pages, but we'll describe it quickly here as it's the first time we've really looked at the menus. You'll read more about it and the many other pages it gives access to in later chapters.

Alternatives Menu

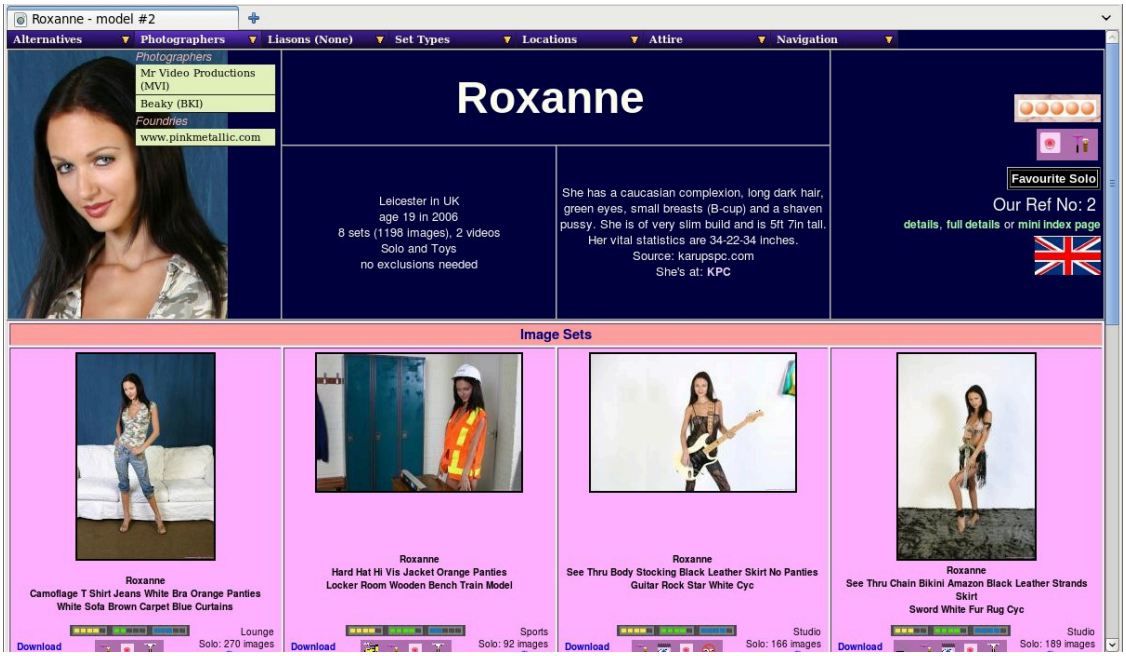
The first menu is called Alternatives but would be more accurately termed "Alternatives and Tagging" but there wasn't space for that. The top three (or sometimes four entries) give you access to the other versions of this model page. If you're looking at the regular size thumbnails version of the model page, it'll offer you the full details, detailed and mini thumbs versions of the same model's page. If you're looking at the mini thumbs version, it'll offer you the full details, detailed and regular size thumbs pages, and so on. Additionally if you've used one of the other menu options to make a subselection of sets of just one type or one location, the current size model page minus the current sub-selection will also be included in this list. This makes it an easy way to cancel out any further sub-selection you may have made - of course the back key on your web browser would normally have the same effect.

Model Page: Alternatives Menu

Below the Alternative versions of the model page, there are three more entries which are to do with creating a saved search of this model's sets. These create respectively (and in order) a search set of all sets of both video and image set types with only those sets of excluded types missing. This is useful primarily as a check-list for downloading the sets you want from a given model. The next option below does the same thing but only selecting the image sets that are currently displayed - this can then be used by the WACS Slide Show program to give you a slideshow of this model's sets or by the **rungq** command to do the same via an external image viewer. The final option selects only the video sets by this model; at present this is either as a download check-list future or to use to feed to the **runmp** to give you a full movie show. A web-based equivalent to play multiple movies is not yet available.

When you select any of the saved search options, you'll see that a number of small tick icons appear by each of the sets as they are added to the saved search. The saved search set will be given the next free search number and will be titled appropriately. Note that the saved search is not completed until all of the ticks have appeared as they show the progress of the actual indexing procss. Your new saved search should appear at the top of your saved searches list next time you visit the front page and can be edited to remove any individual sets you don't like, but more on that in the chapter on searches.

Photographers Menu



Model Page: Photographers Menu

Unfortunately not that many sites provide any kind of identification of the Photographers involved in their sets, but since most of the good ones have a very distinct and individualistic style, it's often nice to just see those sets that have a similar feel to them by selecting a single photographers work. This menu shows you which photographers are known to have worked with this model, and allows you to select only those sets that were taken by the specified photographer of this model. We hope in due course to promote exchange of information about the major photographers and their work on sites where they are not directly credited through the WACS-Meta project.

When a selection of a single photographer's work is active, an additional message will appear in the masthead section of the model page saying something like:

```
Showing only sets by photographer BKI
```

There is a link on the Photgrapher's initials taking you to a condensed index of their work. We will cover these condensed indexes in a later chapter. The selections made here can be cancelled using the back key on your web browser, or by using the appropriate option from the Alternatives menu.

Below the links to Photographers, this same menu now also includes the foundry from which the set came. Where the foundry is known, the various sites will be listed here - making a selection will select just those images known to be from that source. We use the term foundry in order to distingish it from the individual photographer and from any website that may carry that content as a Free Hosted Gallery or similar.

Liasons Menu

Model Page: Liasons Menu

This one is only active if the model has some lesbian or group orgy sets involving other models who are also known by the WACS system. It lists the other models who are known to have appeared with this model and in brackets after each name are the number of sets and video clips in which these two have appeared together. Clicking on a name here will make a sub-selection of just the appearances of these two models together, which will once again be acknowledged in the masthead by a message saying something like:

```
Showing only sets with model 255
```

The number given is the other model's reference number and the link here will take you to the other model's model page.

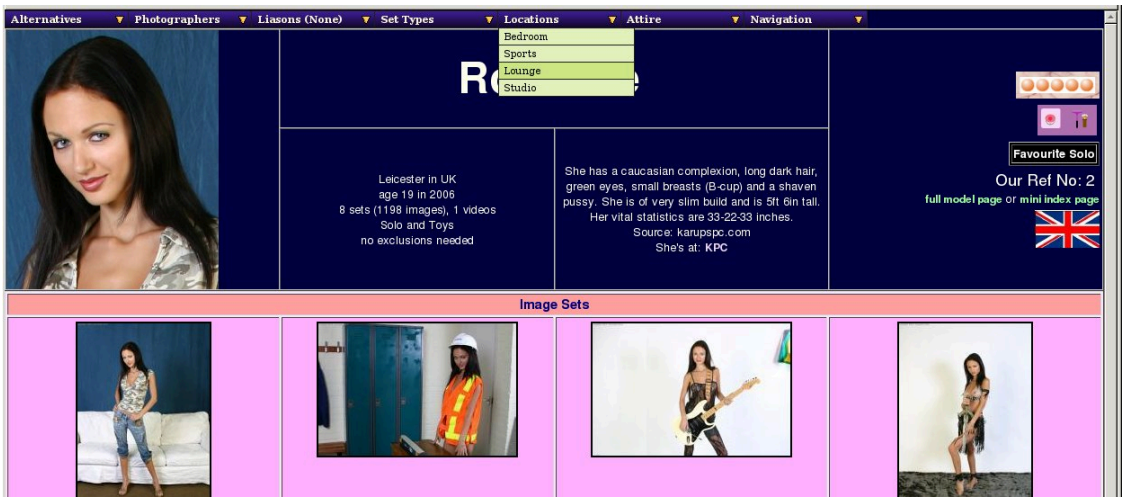
So this screenshot looks a little different - this one is taken not from our demostration site but from our internal test server. Since we don't have any Lesbian sets yet that we've taken ourselves, we couldn't show this feature in action from the demonstration site. You may also notice that Sabrina is pretty prolific - we've collected 67 sets featuring her. The five sets with Jo May mentioned here are from the website Sapphic Erotica, but obviously we don't have the rights to show their copyright images.

Set Types Menu

Model Page: Set Types Menu

This menu contains a list of all the types of set that exist for this model, and choosing any one of them reduces the sets and videos displayed to those marked as being of the specified type. If you choose Toys (for instance) from this list, the sets shown will be reduced to just those featuring toys as the primary type. Note that this will only select those sets with a primary subject of toys; lesbian, straight or group orgy sets which also feature toys will not be included. To do that, you need to use one of the more advanced search features. Once again, the presence of this sub-selection will be listed in the masthead section of the page.

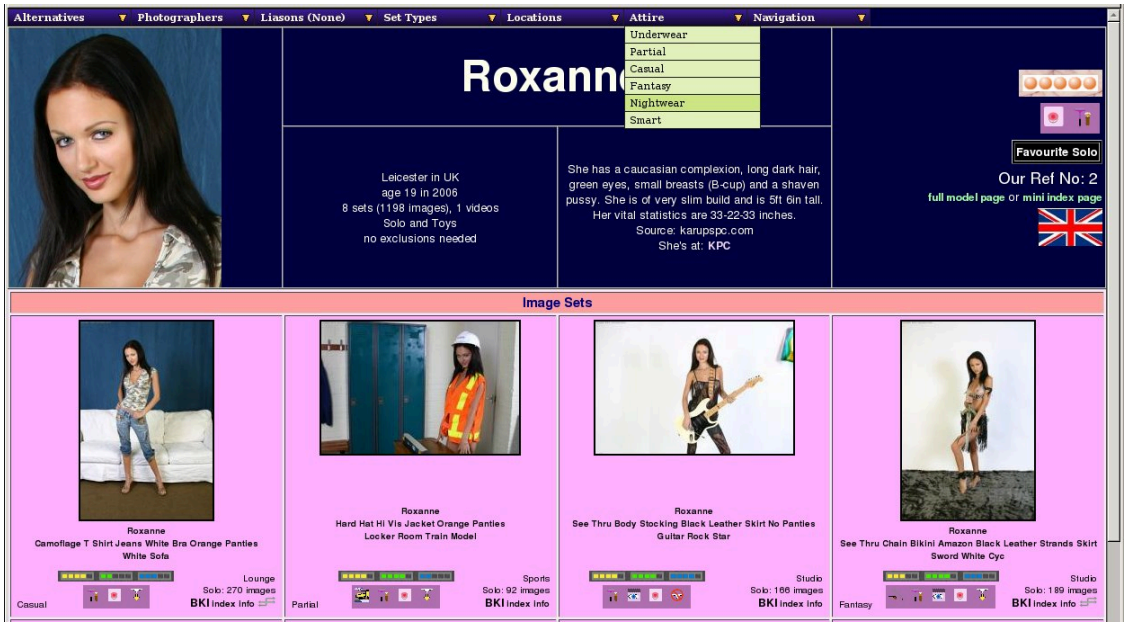
Locations Menu



Model Page: Locations Menu

This is the penultimate of the dynamic filtering options and this one controls the location in which a set was taken. In the normal WACS distribution there are approximately 12-15 standard location titles which might appear. In the screenshot above of Roxanne's model page, you'll see we have four locations: Lounge, Bedroom, Sports and Studio. The odd one out perhaps is Sports which isn't quite appropriate to the set but was selected because the action was in a locker room, a place normally associated with sports activities. As before, if you select one of these the sets displayed will be reduced to only those set in the location you chose.

Attire Menu



Model Page: Attire Menu

This is the final one of the dynamic filtering options and this one allows you to select the general type of clothing featured within the set. There are a growing number of defined words used in the WACS system which include things like: Underwear, Nightwear, Nothing, Partial, Sports, Elegant, Casual, Smart, Medical, Military, Schoolwear, Business, and Swimwear. Once again this allows you to reduce a large collection of image and video clips to a much smaller and more accessible grouping of like items when perusing large archives. This feature becomes particularly useful with those models who have a massive number of sets and when used in the search system which we will cover in a later chapter.

Navigation Menu

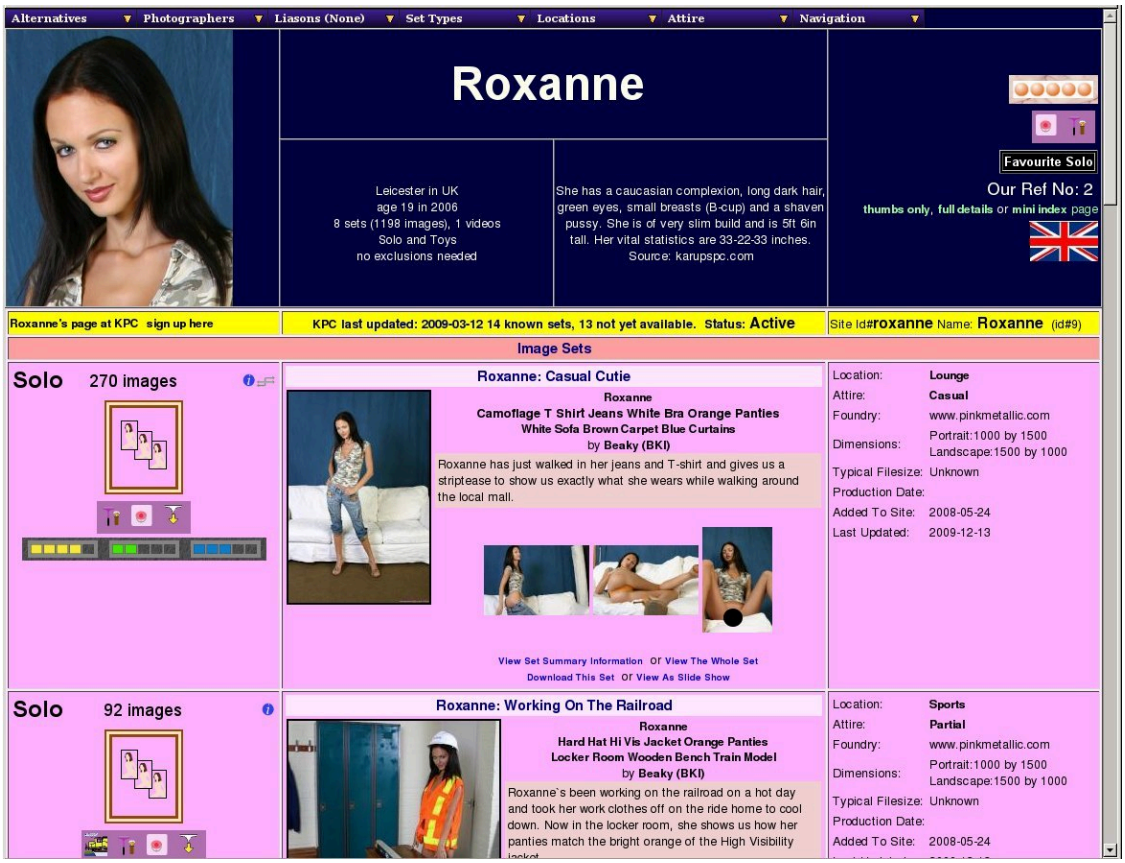
Model Page: Navigation Menu

The navigation menu appears all over the place in the WACS system and will take you to some of the key and significant pages. In this example, it's a fairly simple version containing the Front Page (or Main Menu) which you've already seen; along with four new ones. These are the three *New Additions* pages; one each for models, one for sets and one for video clips, plus the alphabetic index of models. All of these will be covered in more depth in later chapters. Note that the default link on this menu, which works if you just left click on navigation, is to the Main Menu and that works even before the model page has fully displayed.

Chapter 7. Details Model Page

Overview

We've previously covered the two thumbnail based versions of the model page, and the dynamic filtering options provided by the menu bar at the top of the page. We now return to look at the third form of the model page known as the *details* version in this chapter, and in the next chapter we'll look at the fourth one called the *full details* version (aka **wacsmpfull** which is the really detailed one). In both these pages you will find a lot more information about each model, her sets and what we know about her portfolio. In order to do this, we devote a whole line to a single set in order to give us space to show a lot more of the information that we have about it.



Detailed Model Page: Identities and Sets

Tip

If you've used Wacs prior to version 0.8.5, you may be a little confused right now. You probably thought there were only three types of model page: you'd be right - the details one described here is brand new in release 0.8.5 and takes over as the standard model page from what we had previously. The previous detailed page has been renamed to **wacsmpfull** which is almost unchanged from how the detailed model page was in previous versions.

Identity Information

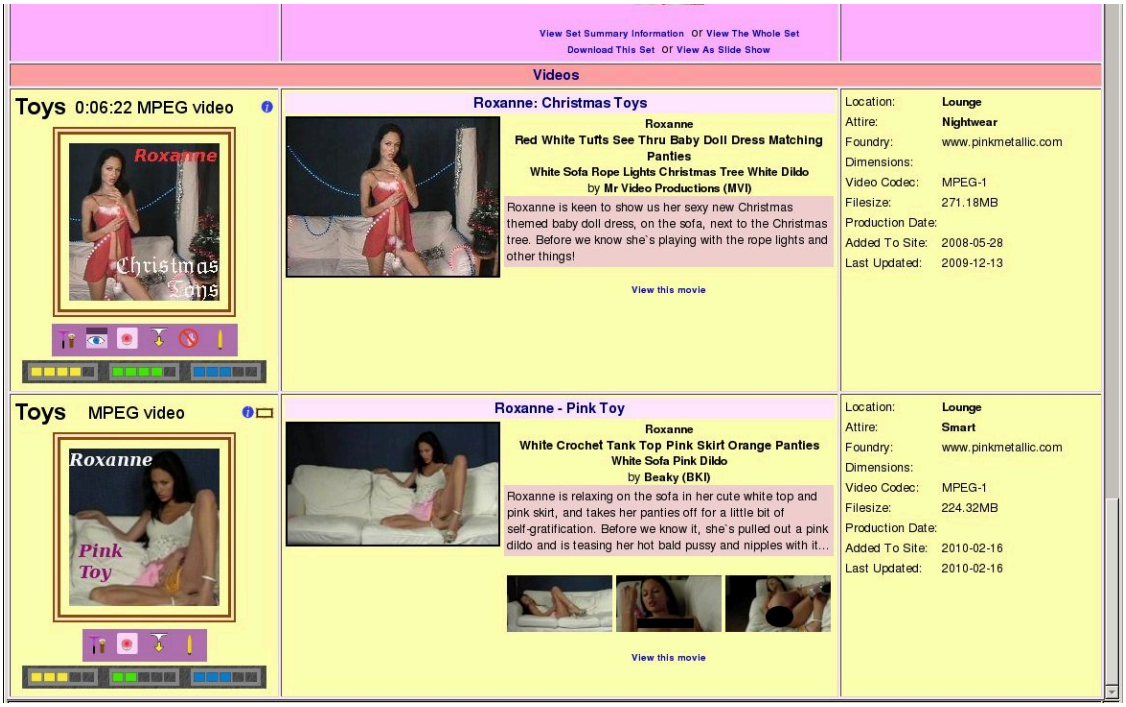
After normal heading which you're hopefully now familiar with as it appears on all versions of the model page, you'll see that we've now added a yellow bar between the model's details and the start of the sets information. This contains information about sites where her sets are to be found, what she's called on those sites and how many sets featuring her can be found there. In this simple example, we're showing her as being at just one site, KPC (aka Karup's PC) and showing that our information on what is there was last changed on the 12th of March 2009. On the 12th of March 2009, she had fourteen known sets on that site, of which we have only one of them present on this WACS server at the moment.

Moving down the page we reach the image sets themselves and as you can see we have rather more information here than in the previous thumbnail versions of the model page. Starting on the left we have the set type, number of images and the indications of text description and connection presence. Below that we have the frame and inside this will either be the official icon for the set if we have one, or if not the generic photostory icon seen here. Below that we have the attributes and the rating scores.

Moving to the middle box we have some of the additional bells and whistles we've seen previously back in Chapter 4, *Looking At Images And Videos* - the official title, the description and sample of some of the icons from the set all appear here. We also have the photographer details and a whole range of options as to what we can do with this set: download it, view it, see a summary or view it as a slide show.

Finally moving to the right hand box, the Location and the Attire make another appearance along with other information including the foundry, the dimensions, typical file size and various dates. It's all information that we've seen before, but here in the detailed model page it's all gathered together in a more cohesive collection than has previously been provided by an index.

Detailed Video



Details Model Page: Detailed Video

The format of this is much the same for videos, with running time and codec details replacing the number of images section; pretty much everything else is the same. As we saw with the video set information page, this particular set (the Roxanne Christmas Video) also includes a description and an official icon which has now been placed within the frame in the left column. There is a generic movie icon which you will see when there is not an official icon available for the set.

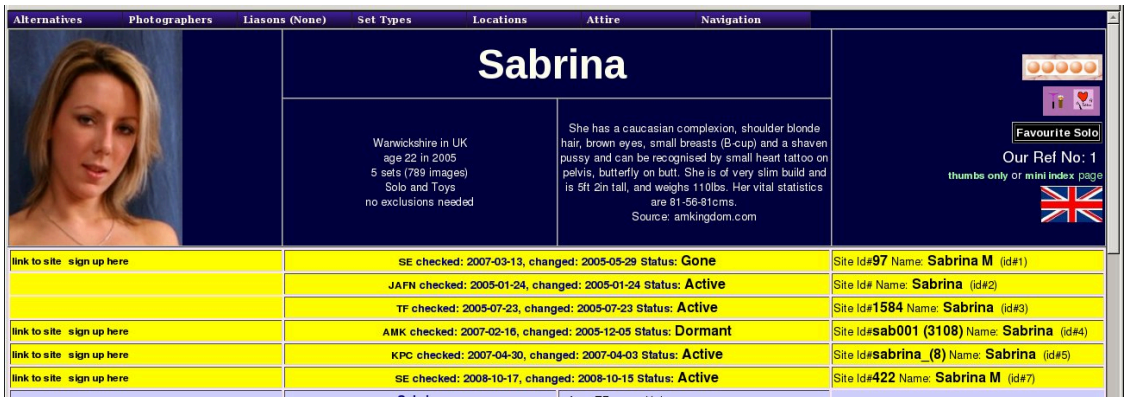
We reach the bottom of the web page and with it the description of the details page. This however is not the end of the story, for although this page had far more information on it than any previous page, there is actually still more available, and we have yet another version of the Wacs model page called **wacsmpfull** that includes even more. The next chapter looks at **wacsmpfull**, the full details model page.

Chapter 8. Full Details Model Page

Overview

We've previously covered the two thumbnail based versions of the model page, and the dynamic filtering options provided by the menu bar at the top of the page. Then in the previous chapter we looked at the detailed model page, and we are now going to take a look at the fourth and final form of the model page, the really detailed one known as **mpfull** or the Full Details model page. Here you find a lot more information about each model and what we know about her.

Identity Information



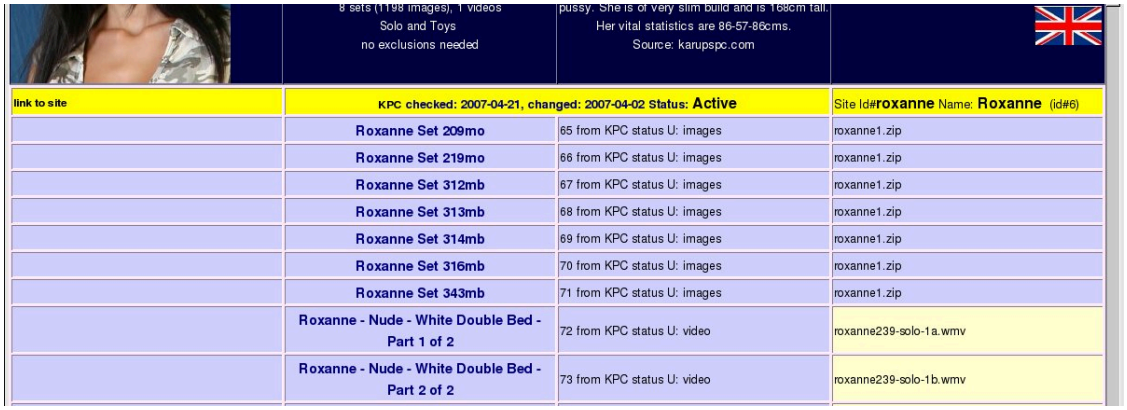
Full Details Model Page: Identities

The Identities section here is very similar indeed to what we encountered in the new-style detailed model page in the last chapter except that this concentrates on the actual details about this model identity. Here it shows not only the last time that new sets were found, but also the date on which it was last checked.

Working from left to right, we have first a link to the model's page on that site (if we know how to construct the necessary URL), along with a link you can use to sign up with the site. If you use this link, the WACS developers will get a commission on your sign-up and you'll be contributing to the WACS project at no extra cost to you. Moving on to the next box, you have the WACS code letters for this site with a link on it to other models from that site. Next we have details of when we last checked that model's index page on that site, and when we last noticed a change in that index page (ie when we found something new). Finally for this box we have our status for that model on that site; basically if we've found nothing new when we checked more than three months after the last new set was found, the model is flagged as dormant. If it's an old identity no longer used on the site, it'll be marked as Gone - as the first of the entries for Sabrina in the example above is. We keep this information so that we can continue to use it for identification purposes. Some of these sites we've just not been back to since so the status has never changed. The final box, on the right hand side, contains the necessary details to find this model on this site. This consists of her reference numbers (aka keys) - two are allowed - and her name on this site.

It is our intention to try and create a repository of these idmappings and make it available as an additional resource for people to use. Keep an eye out for mention of the WACS-Meta project.

Downloads



Full Details Model Page: Downloads

Whenever WACS interacts with another website or a new model is loaded into the system, it tries to keep track of what sets by that model exist, whether it actually has them or not. These records are used to obtain those sets when the opportunity arises - typically when you take out a subscription to the site and give WACS your username and password to use to do downloads for you. This list shows what sets and video clips WACS knows about for Roxanne from the Karup's PC site; the fact they're listed here indicates that the WACS server doesn't have them yet (or possibly doesn't know it has them - sometimes the case if they were downloaded independantly and aren't identifiable). When the type of a set yet to be downloaded is known, it's type will be given in brackets next to the source site.

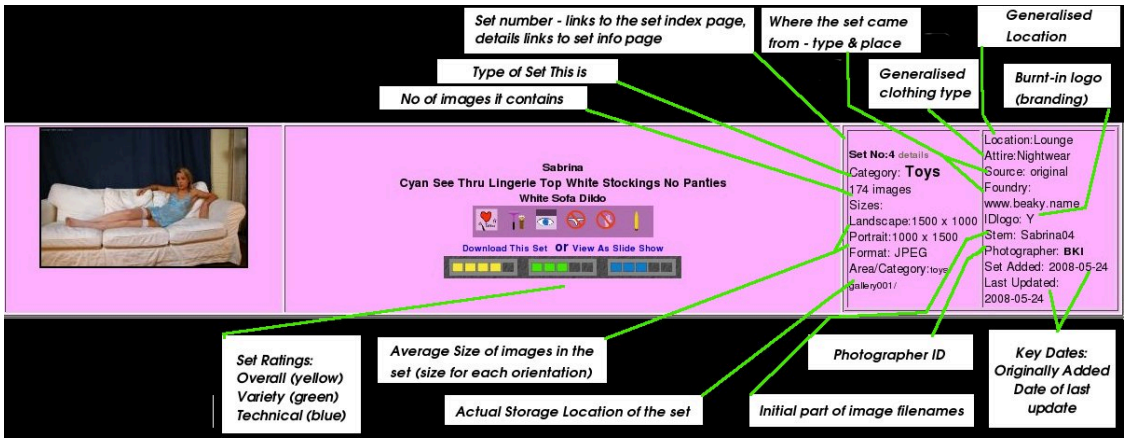
Tip

If you want to know more about download records and how the various statuses work, please refer to the reference documentation for WACS administrators.

Detailed Set Info

Detailed Model Page: Set Info

Finally we reach the set details themselves; as you can see, the icon is pretty much the same as usual but much more information has been added compared to the thumbnail-based set pages. The middle box has the description, official name of the set and the zip download and slideshow links, plus larger versions of both the ratings and attribute icons for the set. The icon and the name both have links on them to the set page for further browsing. The ratings consist of three values, each between 1 and 5, scoring the set overall, for variety and for technical quality; a 5 rating being the highest and 1 the lowest. The right hand box contains a pretty intense collection of information so we've marked up a screenshot with arrows to make it easier (we hope!). to understand.



Full Details Model Page: Detailed Info Analysis

Starting at the left hand column, the top entry is simply the set number, but with a slight twist. While the icon and description to it's left links to the set page, this one links to the set index (ie thumbnails for all the images in the set in one big page) - this is a short cut to a very useful page. Next to that is a link marked details which links to the set info page; the one we met earlier that samples images throughout the whole set to give you an idea of what happens. Below that is the general set type category that this set it currently classed as. Below that we have the number of images in the set and the dimensions of those images, both for portrait format images and landscape format images. If only one is present, it's likely that the set only contains images of that orientation. Next we have the format of the contents; it may be an image format like JPEG or PNG, or one of the many video formats like MPEG, WMV or QuickTime. Finally, at the bottom of the left hand column is the (relative) actual location in the file system of the directory that contains this set.

At the top of the right hand column, although nothing is shown in this particular example, is where the icons related to connections, additional descriptions and any additional gallery of icons will appear. Immediately below that is the generalised location marked up for the set (if one exists, if it doesn't this entry will be missing). Below that is the generalised description of the clothing type being worn (at least at the start of the set) which can be useful when searching. Next down is how this set was obtained and what site it originates from; for historical reasons these default to usenet and unknown although of course we could not condone downloading unlicensed material from usenet. Alternatives are subscription for a subscription website, or as in this case original for original material of our own. Next down (ID logo) indicates whether the set has a burnt-in logo (branding) in the images; Y means yes, it does; N means no, it's plain and unbranded; U means unknown.

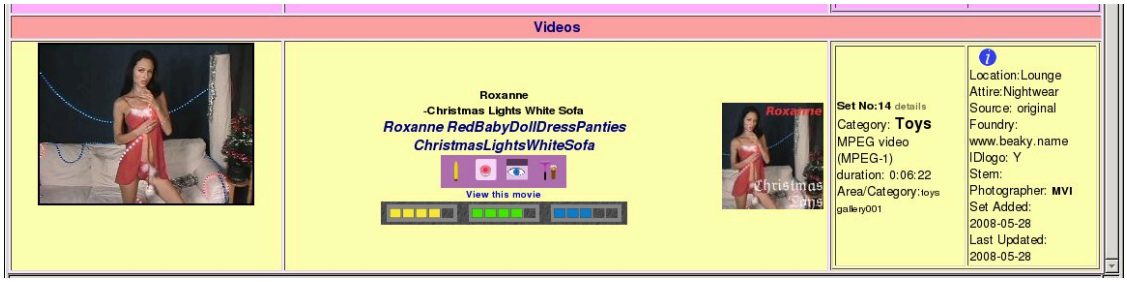
Below that we have the name stem, this is what the prefix on all of the image files in this set is. It might be merely the model's name and a set number as here, or it could be a more complex reference like those from ATK Group sites (atkpremium.com, atkexotics.com or atkgalleria.com) where it might be something like sab001BKI_189012 (not an actual reference, but in their style). Whatever it is, having it given here can make it easier to connect up downloaded sets with their WACS identities. The next entry, if set, is the photographer's ID code. The final group of information is the key dates - when the set was added to WACS and when the data for this set was last updated.

About Set Ratings

In the WACS rating scheme, each set is rated in three categories - general, technical and variety. General is an overall impression of the set with a score of 3 out of 5 being a mid-point. A 2 would signify an uninteresting set without anything actually wrong; a 1 would signify a rather poor set with out-of-order images, unhappy model or awful concept that just doesn't work or even no coherrant thread at all. A rating of 4 out of 5 would signify something dramatic, memorable and significant or just very competant and pleasant. If the set makes you say "Wow!" out loud, it probably deserves a 5 out of 5 in the general rating. We reckon only about 2% (1 in 50 sets) should ever score full marks!

The variety rating is solely about the unusual nature of the set - how unusual it is; a set can be great quality and only score 1 of 5 in variety quite easily. Similarly a set could have a great concept - maybe a babe in a wetsuit having just caught a mermaid's tail with a harpoon on the deck of a fishing boat and then the two have sex - and thus score 5 out of 5 for variety - after all, bet you haven't seen that scenario before! But if it's all shot with an on camera flash so they look like cardboard cut-outs (disaster lighting), it can still score low (maybe even 1 out of 5) in the technical quality rating. Speaking of the technical quality rating; if it's a 640 x 480 image taken with a single on camera flash, it's probably a 1 out of 5; if it's a 2048x3080 image good enough to poster print as an ultimate glamour poster, or a well-made HD video, it's probably a 5 out of 5. A measure of the photographer's artistic skill is also included as well as pure technical merit; a great photo with smooth lighting may get a 3 out of 5, a better angle and composition with an extra gleam in the eye or teasing glance from the model caught would rate a 4 out of 5.

Detailed Video



Full Details Model Page: Detailed Video

The format of this is much the same for videos, with running time and codec details replacing the number of images section; pretty much everything else is the same. As we saw with the video set information page, this particular set (the Roxanne Christmas Video) also includes a description and an official icon. Here we have a minaturised version of that official icon to the right of the main set title, and a little blue *i* icon above the set details showing that we do have a text description of this set available.

We reach the bottom of the web page and with it the description of the detail page, and of the various versions of the model page. We now move on to look at other aspects of the WACS system; the more specialised pages.... the next chapter looks at New Stuff.

Chapter 9. Where's The New Stuff

About New Stuff

One of the first things most people like to check on entering a new website is to see what the latest additions are, and of course WACS provides this. There are three special pages covering new additions; one each for Models, Photo Sets and Video Clips. Hopefully many of the icons and terminologies used will be quite familiar by now.

Newly Added Models

Newly Added Models

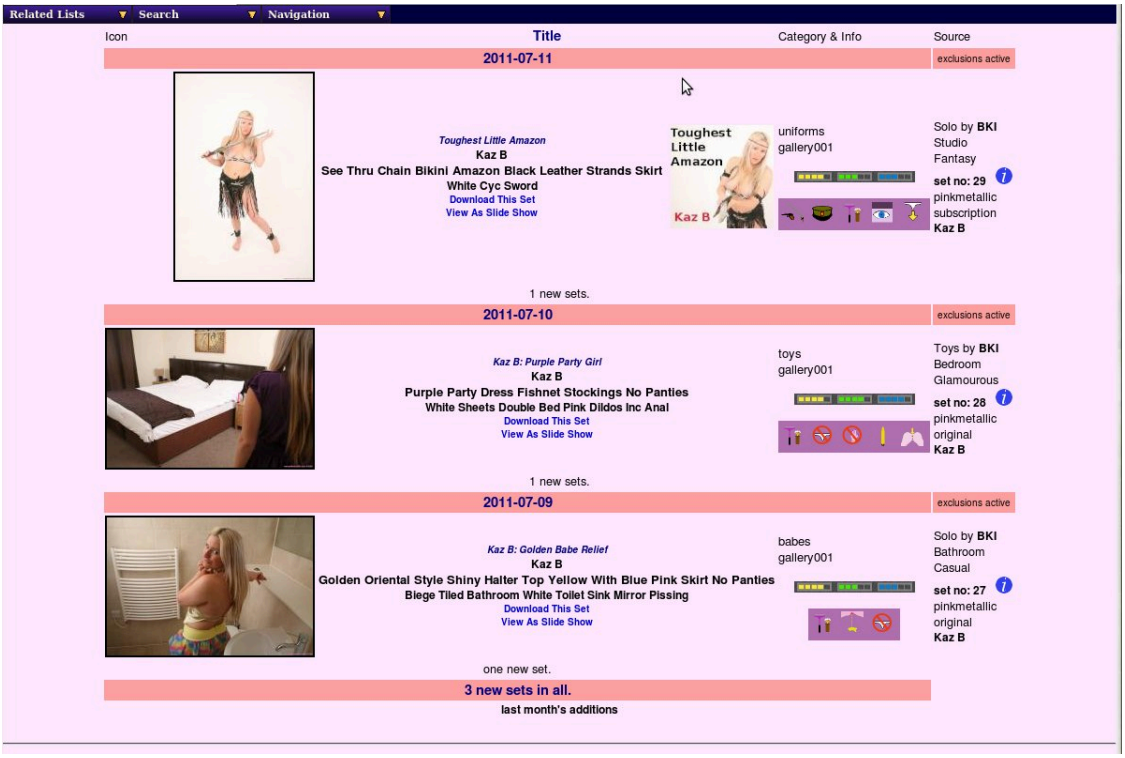
This is the new model page, featuring just one new model, namely Roxanne, who was added on the 26th of August 2006! Since this user guide was first prepared and this screenshot taken in June 2008, you may be wondering how that came about. Generally new models are the least frequently added to a site, sets or videos appearing far more often. Therefore the new model page will wind back up to two years until it has found a reasonable number of new models (currently defined as more than five). Since we've only got three models currently featured on our prototype demonstrator site, it's a little short on entries here. In due course we hope to have more featured on our demonstration site, PinkMetallic.com [http://www.pinkmetallic.com] but since it's an Open-Source/Creative Commons exercise the funding needs to come from somewhere. If you feel like donating towards the cost of additional sets, please just make contact with us or use the donate button on the site!

Quickly going over the entries we have here; there's the smaller of the two headshot icons, her name, and then some descriptive information. The top line is a general shortened description, then a little background info on where she's from and what kind of sets she does, then her attributes, and finally a summary of the current position. This includes the overall statistics for number of sets, images, videos etc, and details of any sets that are known about but not online. Due to the way WACS works, it is normal to add the model first, then download and install her sets. If the model record is added, but the sets have yet to be downloaded or unpacked, the statistics may not show any sets as yet.

Along the top of this page we have three pulldown menus; the first one favourites contains links to the index of models for each of the specially flagged categories of Favourite Models (introduced back in Chapter 5). Next along we have the various search options offered in the Search menu and the standard navigation menu discussed towards the end of Chapter 6.

Newly Added Sets

While knowing who the newly added models are is neat, that doesn't mean very much if we don't actually have any content for them, which is where the newly added sets page comes in...



Newly Added Image Sets

This is probably the most used of the new items pages, as this covers the newly added image sets. It's loosely based upon the detailed model page line entries introduced in the previous chapter, but simplified somewhat to remove the more esoteric elements. The icon, description, download and slideshow links are the same. It now includes the official set name and official icon if these are known. Next you have the physical location of the set, which in the case of the first set here indicates the set has been added to the Uniforms category in Gallery 001. Below that you have the three ratings bars, and at the bottom you have the set icons which for the first set consists of the sword and gun signifying weapons, the peaked cap signifying a uniform, then the razor and brush signifying the model is shaven, the shadow over an eye signifying see thru clothing and the panties with down arrow signifying that they are removed first before the other clothing.

Moving over to the right hand side the set is described as a solo set taken by photographer BKI; it's marked as a Studio set, featuring a Fantasy costume as the attire. It's set no 29, an original photo set to the site which is given as being "pinkmetallic" (our demonstration site) and you can indeed download this set from our site and it's classed as a subscription site (although it actually isn't - one day we should probably add more choices to that field). The bottom entry is the model's name and is of course linked to her model page, in this case the detailed version. There's a link on the set number too to the detailed set index, the link on the bold text description itself taking you to the set page.

As you continue on down the page, you see two other sets featured; note that they are respectively in the toys and babes areas. At the very bottom we have the summary of new sets for the day, the total for the week and a link to browse the previous week's new sets. The menus offer you "Related Lists" - last week's new image sets, this week's video sets and last week's video sets. You also get the standard menu of search options and the standard navigation menu.

Newly Added Videos

Newly Added Video Clips

This one covers the newly added videos, providing links, information and their icons. As well as the icons, you see information on the general type of the video, ratings, where it came from and links to the model pages for the models featured in it. Where it's a lesbian or group orgy movie (or set), all known models will be listed alphabetically. It's very similar to the previous page for new image sets and should be a pretty familiar layout by this point.

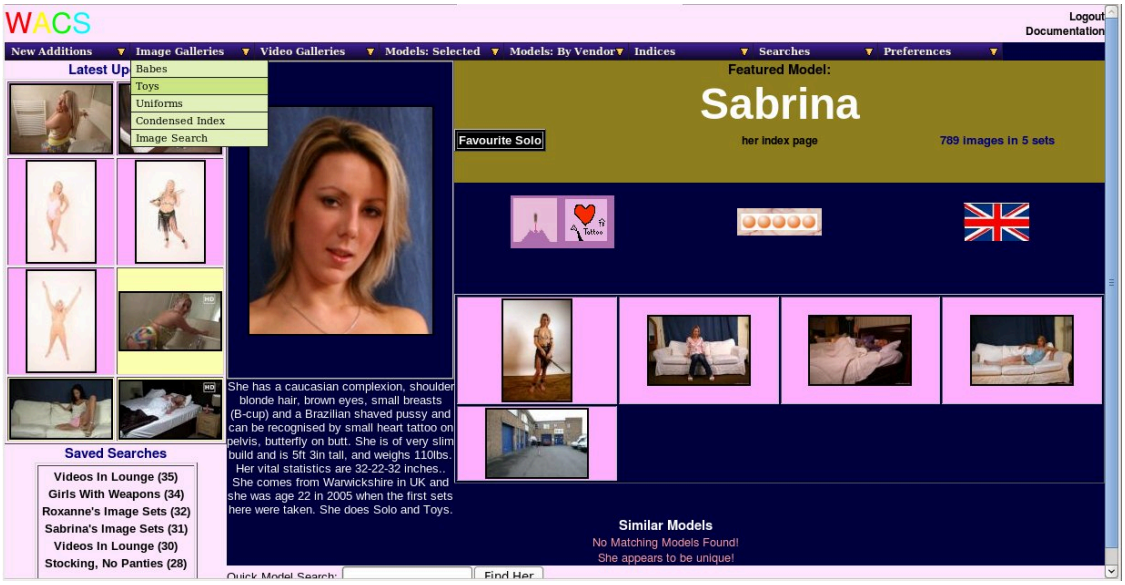
There are of course many other ways to find sets, and some of those will be explored in the next chapter...

Chapter 10. Exploring The Galleries

Introduction to Galleries

One of the very common features of adult web sites is the organisation of image sets into galleries of similar image sets and videos, most usually grouped around a common theme. Typical common themes would include Lingerie, Uniforms, Girl-Girl, Girl-Boy, Toys and a general one like Babes. Other sites might include more fetishistic galleries like Pregnant, Watersports, Nudity in addition if they have enough suitable material. WACS itself doesn't enforce the use of galleries, so you many find a very different organisation of where things are on the given WACS site you're looking at. We have used at least four distinct structures over our various tests; one is called vendormode (see below), then there's galleries and then smaller WACS installations may simply be organised by hair colour then name or nationality and then name.

The examples we're using here are based on the normal galleries layout as it is more general and more likely to be used in the majority of WACS installations. Vendormode is a hierarchy organised by the website name where the set came from, then by the models attributes (hair colour, breast size) and then by the model's name. The vendormode is likely to be used primarily by individual collectors on their own private collection WACS sites, and so unless you are using a private site you are less likely to encounter it.

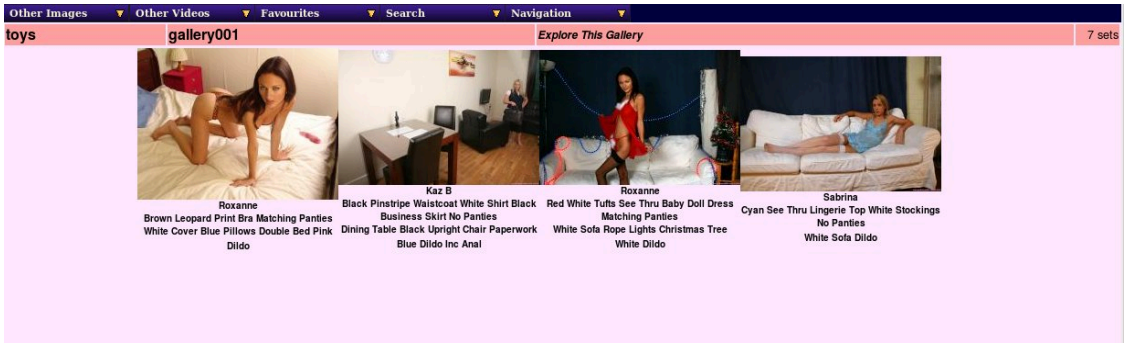


Choosing An Image Gallery

The usual starting point for any exploration of galleries are the second and third menus on the WACS Main Menu (aka Front Page) - the location is usually the same regardless of the layout selected for that site. In the galleries style of site layout, the second menu typically offers the image set gallery names, while the third menu offers the video galleries' names. Similar menus are to be found on any of the overview of galleries pages, and on the individual galleries pages, but more on that later on in the chapter. The screen shot above shows the selection of four available galleries and the one called Toys is the current choice. There are two additional options below the last of the galleries which are the condensed image index and the image search system; both of which will be covered in later chapters.

Browsing Image Galleries

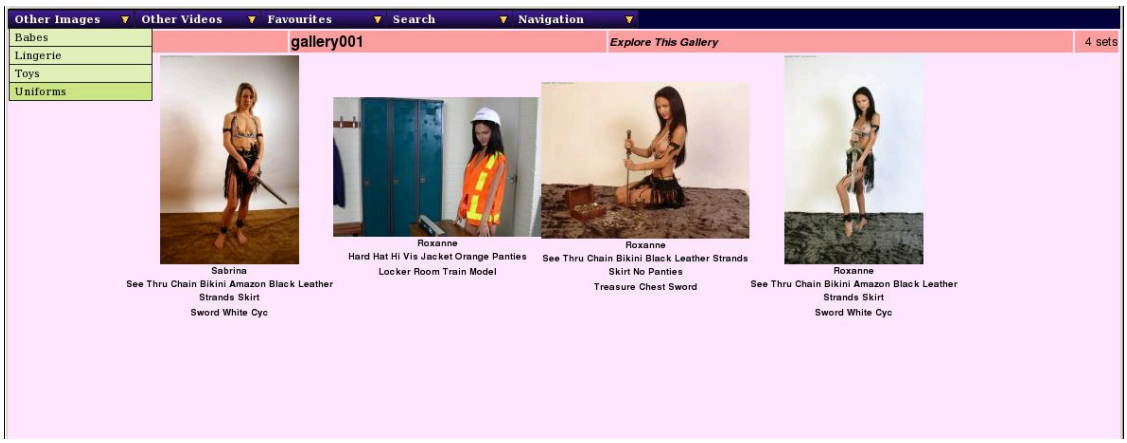
So once we go ahead and select the *Toys* gallery from the front page **Image Galleries** menu, we should see a page something like this...



Browsing A Gallery

While obviously we're once again limited by the number of sets we have available to us, here is an example of a toys gallery. We have the usual menus along the top plus two additional ones offering access to the other image gallery areas and the other the video galleries. There is then a red divider bar with links to the condensed index on the gallery name (left hand side), and a link to the individual gallery itself by name and a more inviting *Explore This Gallery* link on the middle section. The number of sets featured in this gallery is then listed to the right hand side.

Significant here is that the sets shown are merely a sampling from the gallery, normally the icons and descriptions of four or five sets selected at random. Only if there are too few available sets to do a random sample are all of them shown; here we're seeing just four of the seven sets available within this gallery. Click on reload on your web browser and the selection shown will change. However the order in which the galleries appears and which entries appear in the gallery, and what is selected to be highlighted can all be configured by the WACS site manager, so the latest or best rated sets may be shown instead of a random selection.



Moving Between Galleries

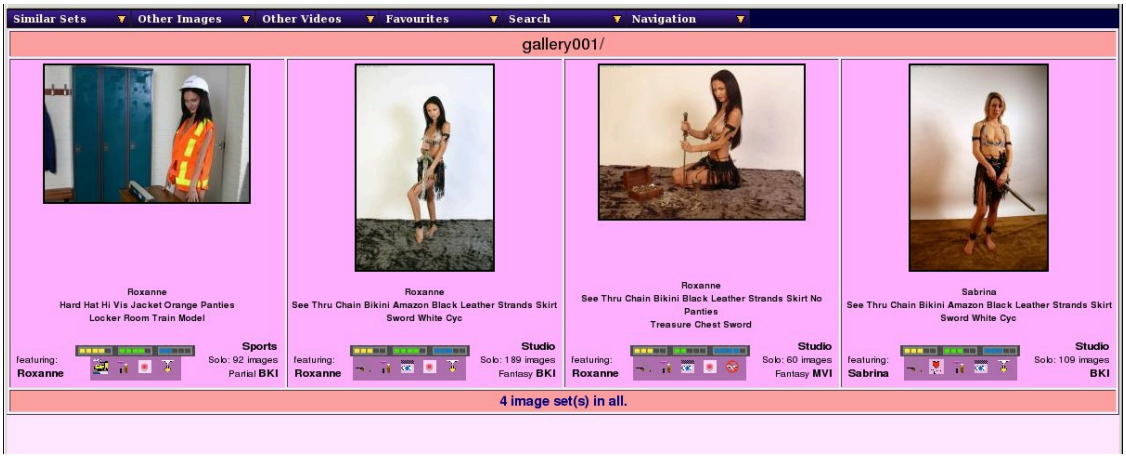
Once you're looking at an index of galleries, it's easy to move to a different gallery; the left-hand most menu will offer you the available image galleries and immediately to it's right is the video galleries menu. The layout of these isn't quite the same as that in the main menu (aka the front page) as all image and video galleries areas will appear on each of these menus.

Gallery By Models

It's also possible for a WACS site manager to choose for a gallery display to be orientated by the models who feature in it rather than the actual sets contained. In this example, the general babes gallery has been set to show a random selection of models who feature within it rather than the actual sets themselves. Other galleries remain orientated towards displaying sample icons from sets instead, as the theme takes a kind of priority over the model involved.

Looking At A Specific Gallery

As we've mentioned, the index of galleries above takes only a random sample of the sets available within that gallery. If you want to see all of the sets in the gallery, you need to click on the specific gallery name - *gallery001* for instance - on the title bar of the index. Once you've done that, you'll be presented with the whole gallery laid out for you.



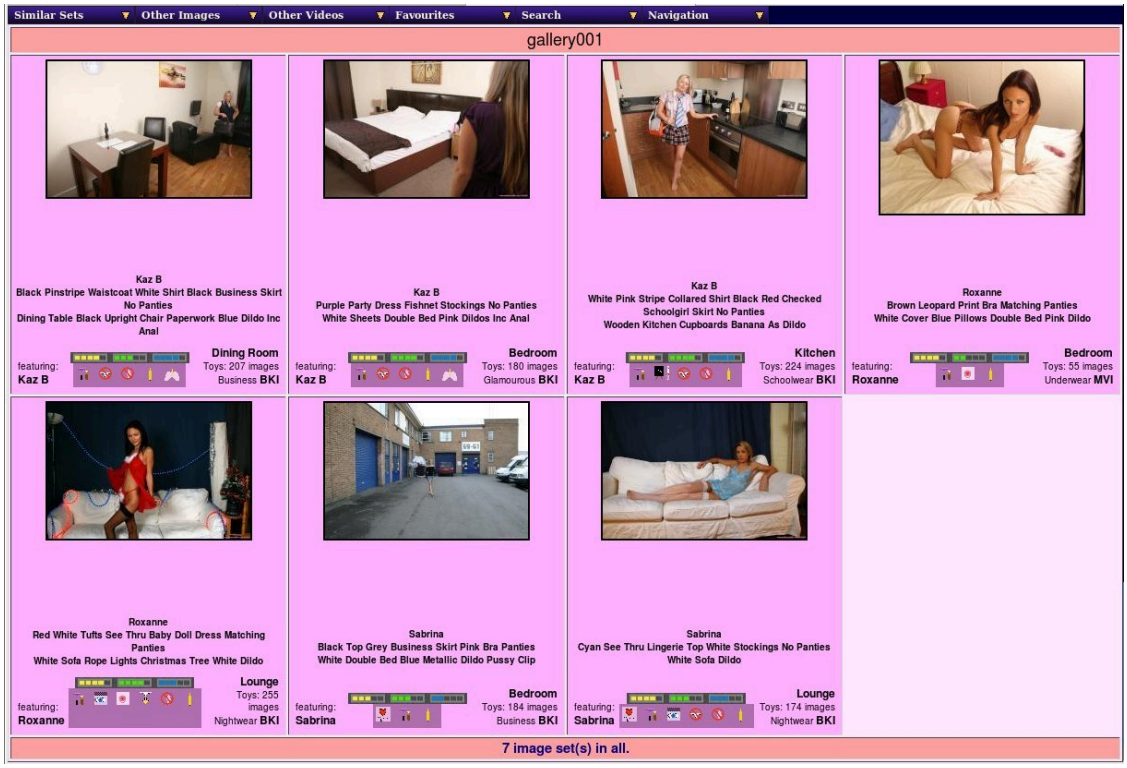
Uniforms Gallery 001

The layout here is very similar to that used back in the medium size thumbnails model page, with the exception that the model featured is always given instead of just any Also Featuring models. By this point the layout should be fairly familiar so we won't recap it here; if you came straight here model icons and attributes are covered in Chapter 3, *The WACS Main Menu, aka Front Page* and Chapter 5, *The Model Page*.

What you will notice is that there's quite a selection of menus available here; the first of them is titled *Similar Sets*. This one will list all the other galleries in the same category, so if for instance you are in the Uniforms Gallery No 5, this will list all of the other uniforms galleries available to you and allow you to go there. The next two are the image galleries index and the video galleries index, ie the other

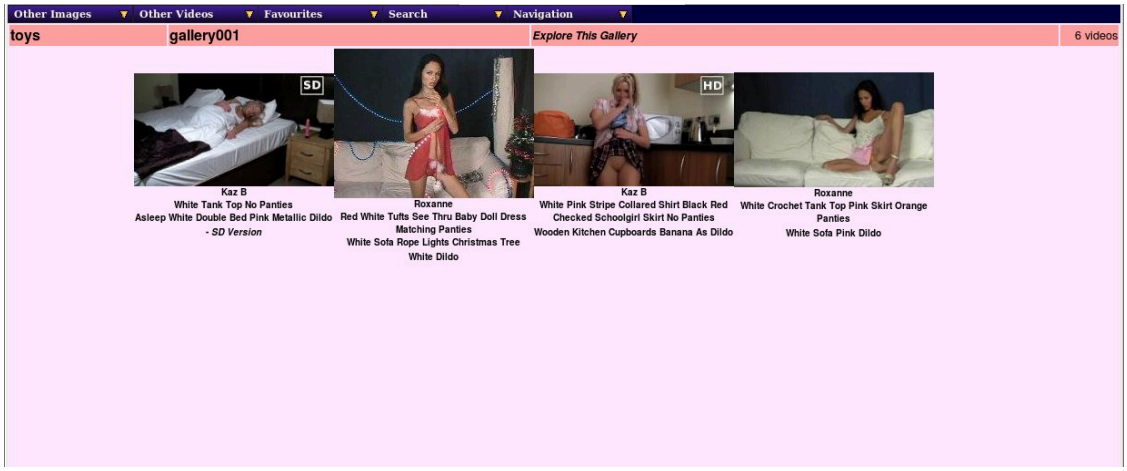
different categories that are also available in addition to the category you're currently looking at (in this case, Uniforms).

Just before we move on to the video galleries, here's another similar example, this time showing Gallery001 from the Toys gallery area. This one has rather more entries and shows you how these normally look. It's normal for a gallery to be considered full and the next gallery started at something like 12 or 20 sets, but this is configured by the web site manager so it will vary.



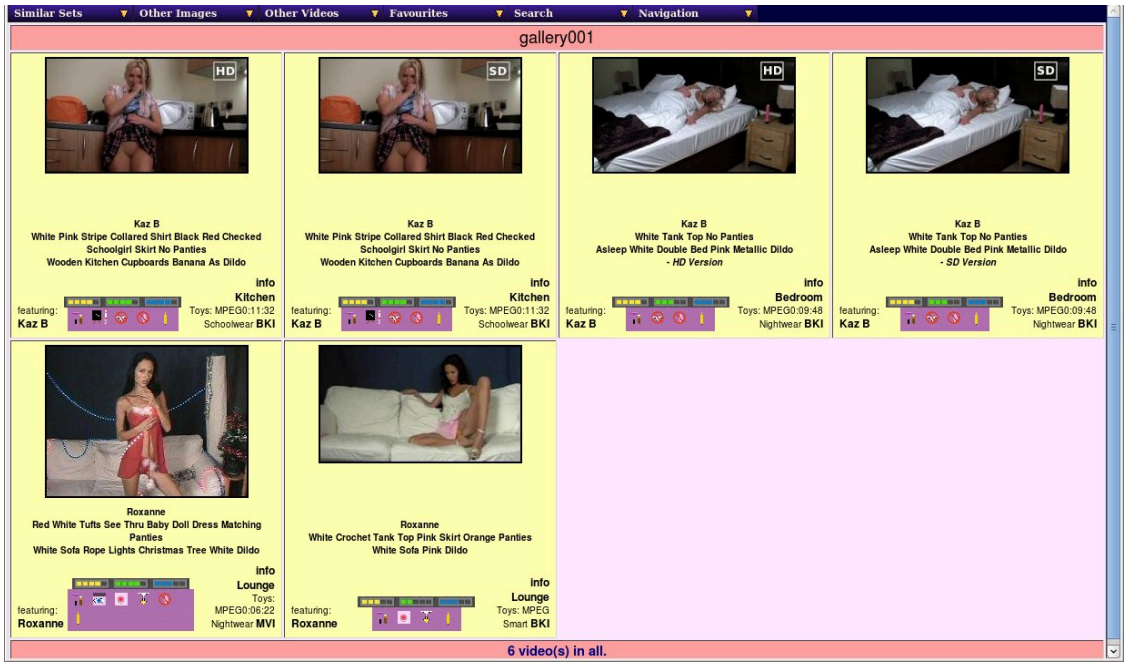
Galleries - Sample Toys Gallery

Video Galleries



Toys Video Galleries

Here we have an example of how a video gallery looks although it has such a variety of video formats and types that the icons are all different shapes! Anyway this is the toys video gallery index. As before the video gallery index layout it very similar to that of the images version, and has all the menus allowing you to navigate to other galleries areas for both images and videos.



Video Gallery Detail

As with images, this is very similar to those entries from the model page with the video movie type and running time replacing the count of images in the details given. As usual, movie files icons and descriptions have a yellow background to them while sets have pink. This can easily be changed by the WACS site manager and some may well have choosen to do so. As you'll notice here two of the Kaz B videos are duplicated, one version is in high definition (HD) while the other is in standard definition (SD) - this is necessary in current Wacs versions but will change in the upcoming 0.9.0 release when it will become possible to offer a choice of versions of the same set. Again the links to other gallery categories are joined by links to the other galleries within this section.

This pretty much concludes our look at the various browsing tools within WACS; the subsequent chapters will look at searching techniques and the short form indices.

Chapter 11. Searching With WACS

Introduction To WACS Searches

One of the main reasons for using a system like WACS is the ability it gives to perform searches through a large catalogue of material to find some specific combination of attributes that match what you want to see. WACS has a flexible and sophisticated search system which produces private saved searches for you that allow you to work through all the sets that interest you at your leisure. WACS provides a significant number of tools that can work with these saved searches; more details of these can be found in the next chapter. For now we're going to look at how to perform the basic searches themselves.

As usual there are three distinct searches available; searches for models, searches for image sets and searches for video clips. In many ways the simplest of these is the search for models, so we'll start with that one as it introduces the basic proceedure and style of the search pages. All of them have a pretty similar basic layout and modus operandi. We're including some worked examples to make it a little clearer how some of these features can be leaveraged very effectively.

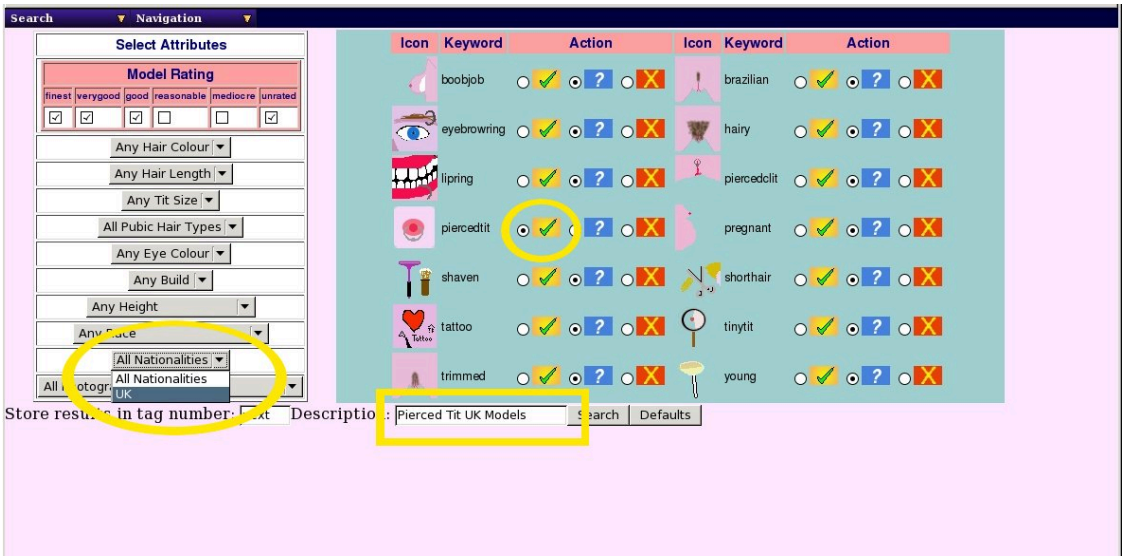
Finding Models With WACS

Model Search

Here we have the basic model search web form; this is where you enter the criteria you wish to search by. After the usual top line menus, you have two distinct areas - down the left hand side you have the pull-down selections for basic attributes; on the right hand side you have each of the standard model attribute icons. The pull down selections are reasonably simple to use and follow normal web practice; the icons side is a little more complex - each icon is followed by three options: a tick, a question mark and a cross. All default to the question mark which means no selection is based upon that attribute. Click on the tickbox next to the tick icon associated with an model attribute icon, and you require any matching models to have that attribute; click on the tickbox next to the cross icon associated with the attribute icon and you require any matchimg models to *not* have that attribute.

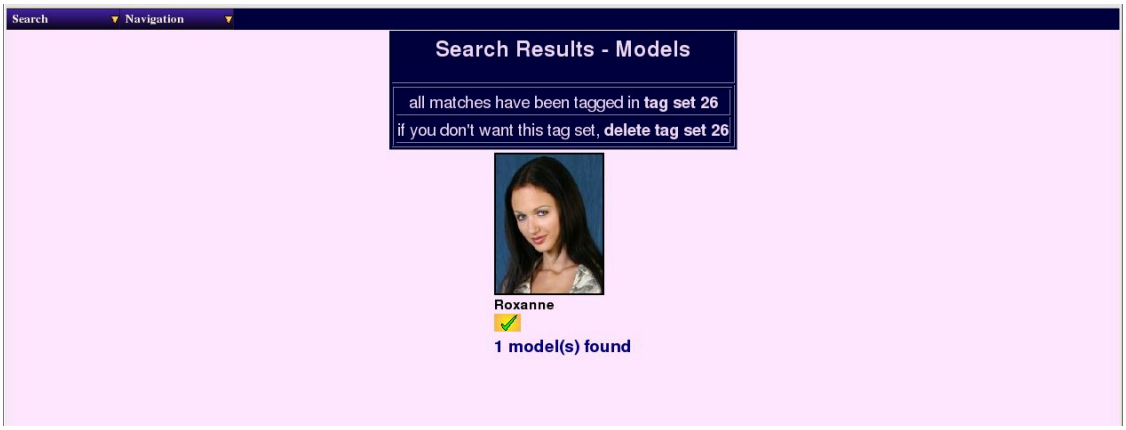
At the bottom you have an optional search title you can use to help you find that specific set of search results later in the index of searches. You also have the search number box, and the two action buttons -

Search to actually perform the search and *Defaults* to restore the original default values should you make a mistake. We'll return to what the search number box does later.



Model Search Example 1

The example above shows how one might search for UK-based models with a nipple ring or stud - ie one with the pierced tit attribute. The three yellow circles highlight the areas where we've made that selection; the tick saying "must have pierced nipple", the pulldown menu specifying nationality of UK, and the title changed from the somewhat unhelpful Default Model Search to Pierced Tit UK Models. Once these selections have been entered into the web form, all that remains is to click on the search button itself.



Search Results: Model Example 1

Here are the results of our search - in this case, just one model, Roxannne, has matched the search criteria. You can of course click on either Roxanne's headshot or name to visit her model page, or as mentioned in the box above, you can make use of the resulting saved search.

Tip

If you don't want to keep the saved search once you've made it, do be tidy and delete it immediately. If you leave it lying around, WACS will nag you about it when you log in at some point in the future.

Warning

As the search is performed the results page is progressively drawn - if you don't let it complete, not all models who do match will necessarily have been added into the saved search. Similarly if there is a cross rather than a tick in next to each models name, there has been some technical problem in adding this model to the set. You shouldn't ever see that, but if it happens there is a problem.

Finding Sets With WACS

Image Search

Here we see the basic form for the standard image search; it's layout is very similar to the model search screen we just looked at but as you can see it has a lot more icons because it includes all of the possible set attributes as well as the model ones. With the slightly more compressed layout, it is perhaps not quite so obvious that the tick, question mark and cross icons are to the right of the attribute icon they are associated with. There are also a range of new options down the left hand side of the page: these are top level areas (types of gallery), ratings, locations, type of attire, photographers and entered keyword.

The ratings implementation is based upon the three ratings we discussed earlier in the detailed model page chapter (See the section called “About Set Ratings” for more info); there are three: overall rating, technical quality and variety. In this search screen, you can only choose to select on the basis of one of these ratings at a time (something we do plan to address in a future release). The choice of which of these is a pull-down selection in the title with the default being to use the overall rating. The tick boxes below allow you to select the values for that rating that you want included.

Warning

Note that on some sites, particularly the older ones, not all sets may be rated; including the unrated selection will probably mean a large number of matches of lower quality sets, so do remember to untick that option when trying to find just the ones with the very best ratings.

Let's take a moment to look at some of the new icons that are offered by the search screen which we maybe haven't seen before. The main group we'll look at here is those related to Locations, the table below shows some of the location based icons.

Table 11.1. Location Attribute Icons

Icon	Keyword	What It Means
	outdoors	Main action of the set takes place outdoors
	public	Set takes place in a public place (Public Nudity)
	country	Set takes place in the countryside
	transport	Set involves or takes place in a piece of transport equipment: train, boat, plane, car, bicycle, ATV, SUV, helicopter

Of course since WACS is primarily designed to handle adult material, there are of course a significant number of other attributes you might want to know about a set, most notably the action that takes place within the set. The next group of icons we're going to look at are those related to the action taking place within the set. The table below outlines the main ones.

Table 11.2. Action Attribute Icons

Icon	Keyword	What It Means
	fuck	Straight Sexual Intercourse
	lesbian	Lesbian Sexual Activity

Icon	Keyword	What It Means
	blowjob	Sexual Activity includes a Blow Job
	dildo	Sexual Activity includes use of a toy of some kind

There are of course a number of fetish attributes that are also available for marking up sets, but most of them are fairly self-explanitory and we won't go into gory detail about those just here. The fetish attributes are there, and if there's a major one we've missed, please let us know. Contact details are all given on the web site referenced at both the start and end of this book.

Image Search Example 1

Here we are doing a simple search for those sets that include a model holding a weapon, be it a gun, sword or knife. We've obviously selected the tick (yes to) weapon attribute icon, plus we've also requested the lower quality sets as well by ticking the reasonable and mediocre ratings boxes, and we've choosen to name the set *Girls With Weapons*.

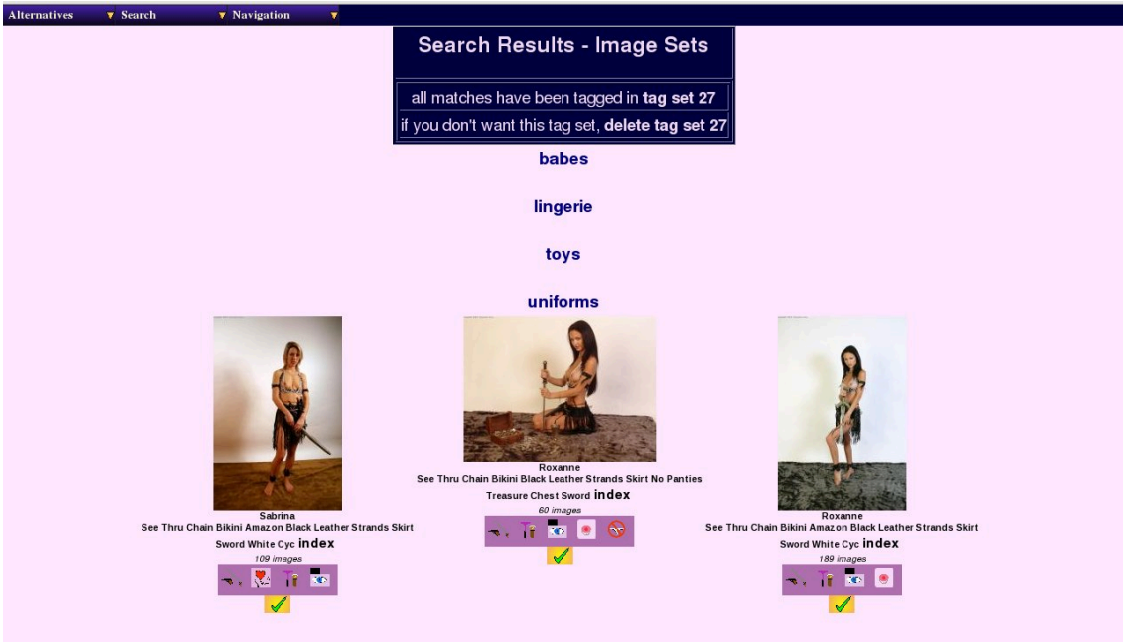


Image Search Results 1

Warning

As with the model search, you need to wait until all of the ticks have appeared next to the sets before moving on or you risk loosing some sets that do match from the selection made and stored.

Here we have the results of performing that search - as before we have links near the top to view the saved search using one of the saved search viewers, and an option to delete the search immediately if it didn't produce the sort of results we were expecting. Note that each of the gallery categories is listed as the search engine makes it's progress through each one in turn. Each of the sets featured here can of course be clicked on and that will take you to the set page for the set concerned. You can easily hit the browser back button to return you to the search results which will mostly work. Should the browser decide the data has expired, you'd then have to use the search set index to find your results again, but they're still there.

Now we've looked at a simple search, let's cover a couple of the special abilities provided by the fields on the bottom left of the search form. We have a new pull-down selection on the bottom line which allows us to select between requiring all criteria to match or to match any of the criteria given. This should be used cautiously as using it on a common attribute (shaven, tattoo, etc) could easily result in an unusably large selected set. However using it to find any sets featuring a model with piercings could be done by selecting yes to piercedtit, piercedclit and lipring and then selecting match any criteria. Of course on a specialist body piercing fetish site, that might not be so great a plan either!

We mentioned earlier that there is a box for saved search number, which normally defaults to next; ie the next available set number. If you specify this explicitly, you can append the results of this search to those of a previous one by giving the search number given to the previous set here. This gives you a mechanism, for example, for searching for models with a shaven pussy and nopanties and for models with a shaven pussy who are nude and combining the results into a single search set.

Image Search Example 2

Here we have an example of doing a search for models who are wearing either stockings or a body stocking (a keyword search for Stocking) and no panties. On this occasion we decided not to alter the default action of leaving out the poorly rated sets (reasonable and mediocre), so these are only the better or unrated sets included in this selection.

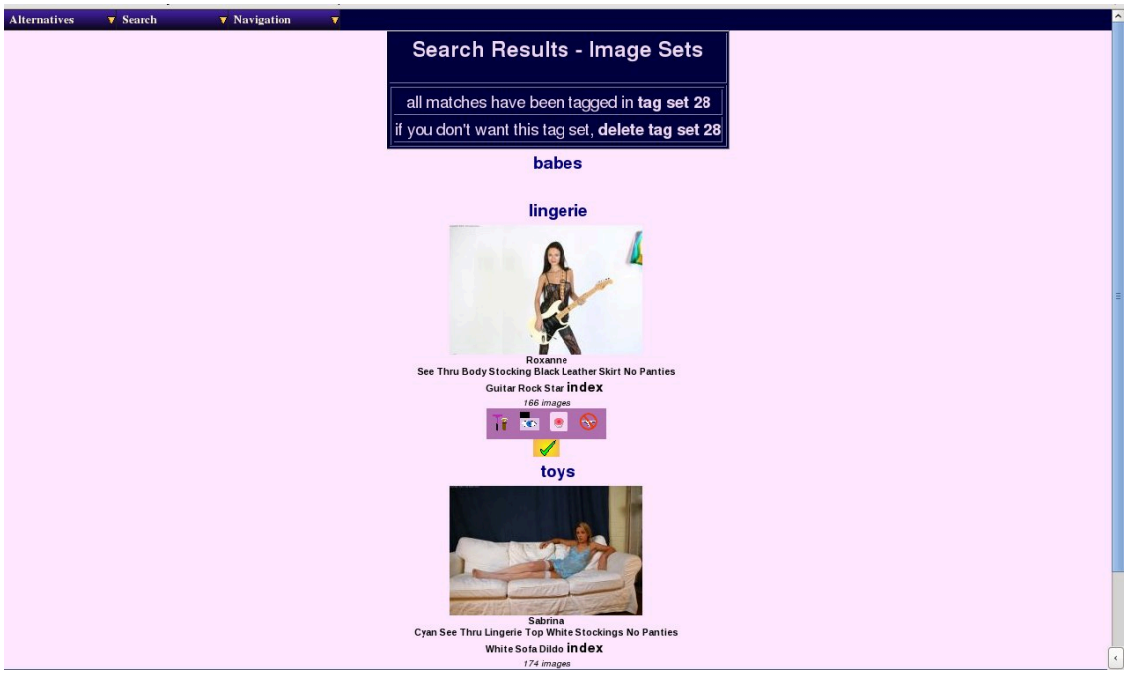


Image Search Results 2

As you will see from the result page above, it searched through the area *babes* and found nothing; then proceeded into *lingerie* and *toys* where it found one in each.

Tip

Note that the keyword search system is normally not case sensitive so you don't need to capitialise the first letter, etc, in order to get a match

Finding Videos With WACS

The Video Search form is almost exactly identical to the image search form; in fact the only real ways to tell them apart are the title bar of the web browser window, and in this case, that only toys are listed as available gallery areas to look in.

Tip

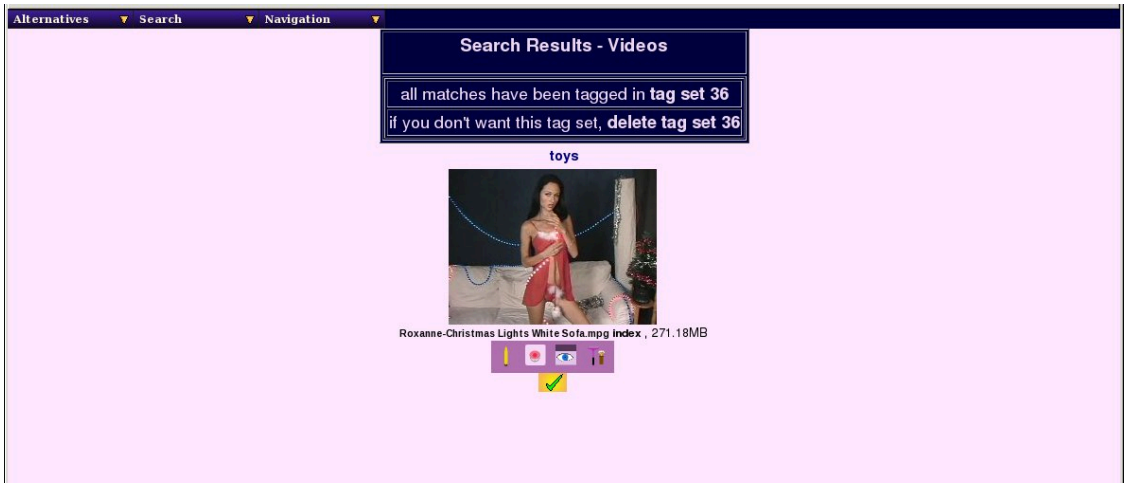
It has been our experience that it's a lot harder to mark up video sets properly than it is for image sets, particularly given the understandable tendency of some providers to split videos up into smaller, more manageable chunks. In these cases, it can be the third or fourth of a five part video before you realise the set is a toys set and not just a masturbation set. Other than where the set has been downloaded from a site that gives content clues, or has been imported from some other Wacs site where it's already been marked up, the set may well be marked wrongly for the first few parts. It is therefore not unusual to find that the whole scene setting part of the movie is missing. Our best advice at this point is to use the video search to find likely candidates and then click through to the model page to make sure if you have the whole movie.

Video Search

In this case we'll select all the videos shot in the lounge excepting of course those that have been marked as being really naff! Who wants to waste their bandwidth on downloading bad videos? (Errr, ok, that'd actually be us then just 'cos we like collecting *it all*...). The point is however that we don't necessarily want to watch it, just to know that we do actually have it.

Video Search Example 1

We decided to call this set *Videos In Lounge* and then performed the search, which produced the following result:



Video Search Results 1

Once again, the matching searches have been saved into a saved search; in this case the number allocated was saved set number 30. So what you may ask can we do with this saved search; well we'll cover that in the next chapter....

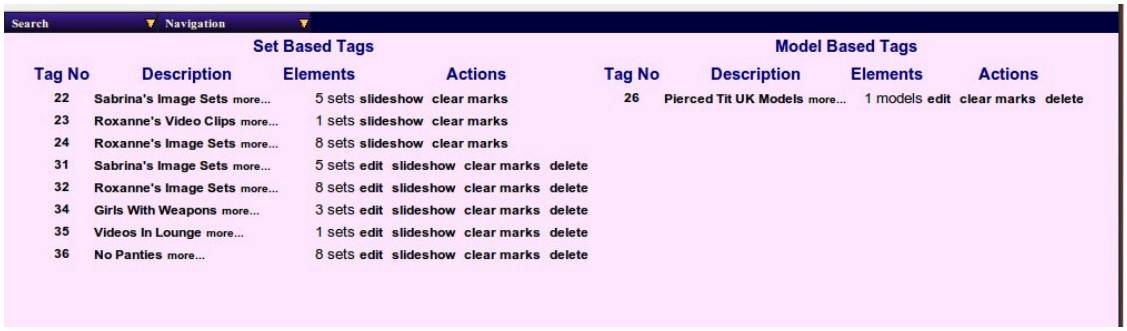
Chapter 12. Using Saved Searches

Saved Searches: Finding And Viewing

In various places during our tour of the WACS system, we've mentioned the concept of saved searches; how to generate them using the Alternatives menu of the Model Page, how to find your latest ones using the Main Menu and in the last chapter, how to create them by doing a specific search. Obviously since there are so many ways to create them, you'd image they're probably actually useful for something! This chapter will begin to outline just some of the ways they can be used. We also on occasion refer to saved searches as tag sets; this was an older name for them which still crops up from time to time - they are the same thing.

The first task is to find out what searches are available to us, and those are not necessarily just those we've made ourselves. It's also possible to look at other saved searches that the administrator has choosen to make public. In a future version, it should also be possible to share your own favourite searches with others.

Index Of Saved Searches



Index Of Saved Searches

Here we have the list of saved searches - as you can see it is divided into two columns; the left hand side is for set based saved searches, the right hand side for model based saved searches. Looking first at the left hand column, you'll see first the saved search number, next it's title, then the number of sets it contains, and finally some update options. There's a very similar layout to the model-based saved sets on the right hand side.

Notice that the first three of the set-based saved searches, 22-24, offer only options to view as a slideshow or to clear marks, but not to delete them. This indicates that these are published public saved searches and not your own ones; these ones will not be shown on the front page as that only summarises the latest of your own saved searches. The later three searches, 27, 28 & 30 are our searches and so we do have the option to delete them here. There are actually two different links available on each set title; the link on the main title is to the thumbnail-style saved search viewer, while the link on *more...* is to the detailed version. The same general concept holds true for the links on the model-based saved searches as well, although the page they're actually displayed on is rather different necessarily.

Set Based Saved Search Index

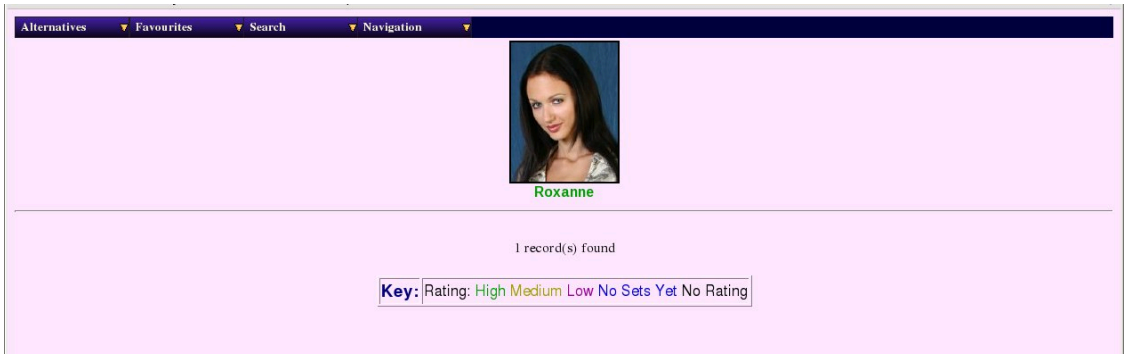
As you're hopefully getting used to by now, Wacs always tries to offer at the very least two different layouts for each task - a general multi-column one and a far more detailed single set at a time style. This is an example of the multi-column set index...

Saved Search: Set-based Index

Here we have an example of the standard form of the saved-search index, in this case showing our saved search no. 27, Girls With Weapons. As you'll see this set title is included in a banner along the top of the page, along with the fact it's a set-based search (S) and that it has 3 sets contained within it. This index shows sets in the order in which they were added to the index by default, so if you watch this index as a slideshow or using another tool like rungq, this is the order you will see them in.

While this index is useful for examining the set, it lacks some of the other features you might also want, so there is also a detailed index available, but more on that later.

Model Based Saved Search Index



Saved Search: Model-based Index

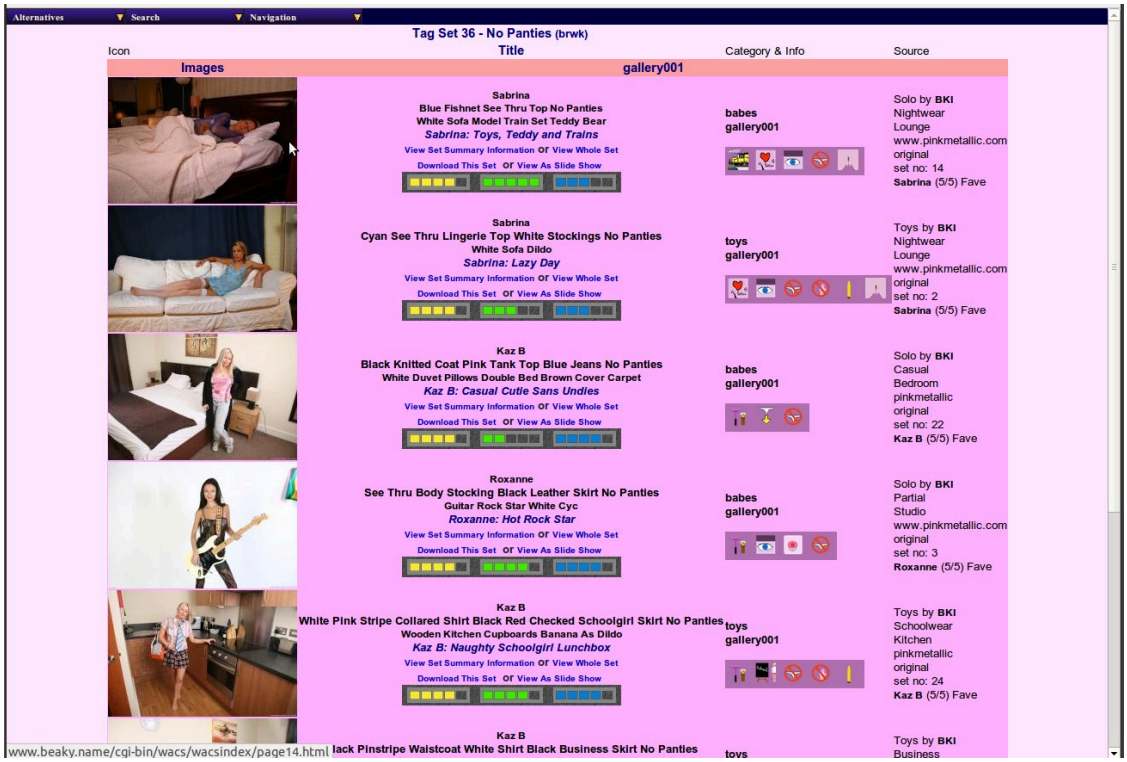
In this screen shot we are displaying the saved search we made of UK models with pierced tits (saved search no 28). We only have the one model who matches, Roxanne, but this does also show that her name is colour-coded according to her rating, the key to the colours being given at the bottom of the page. Clicking on her icon or name will take you to her model page (the one with standard size thumbnails).

Saved Searches: Doing More

While the previous index programs have allowed us to view and browse through the contents of a saved search, there is actually a lot more that we can do with it. We can use it as a basis for downloading sets we want to keep or to drive a slideshow. We can also edit the saved search to remove sets completely or to

mark them as already attended to. To do these more complex tasks, we need to use the detailed versions of the saved search viewers.

Set Based Saved Search Details



Saved Search: Set-based Details

Here we have the detail saved search screen displaying one of our search tag sets, set 36 No Panties Image Sets. Most of the layout should be pretty familiar by now, and we have the download, set information, full set and view as slideshow options just below each set description. Do note that the second option of the top-left *Alternatives* menu also includes a slide show option, but that is to view all the sets within this saved search as a single contiguous slide show, whereas the links under each title only refer to the individual set.

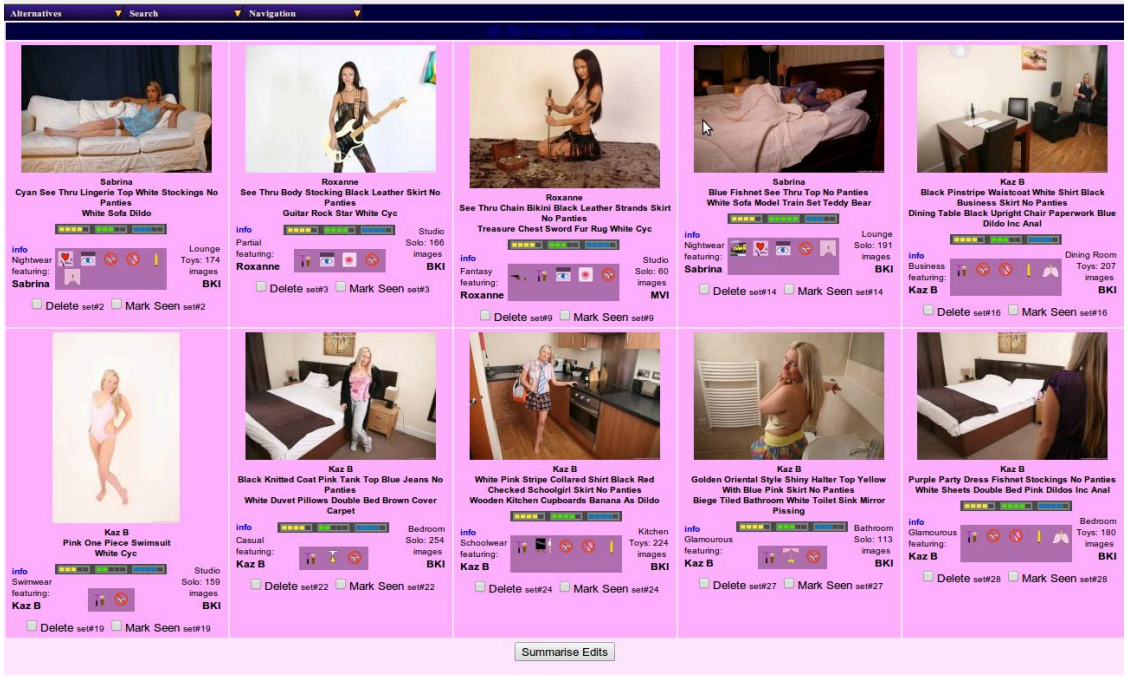
If you were used to this screen in earlier versions of WACS, you may recall it used to include editing features as well - these have been remove as we now have a fully featured Saved Search Editor available. If you pull down the *Alternatives* menu like so you'll see the new editing option:

Saved Search Details: The Edit Option

If you remember, the index of saved searches also included an edit option as well for your sets. Let's take a look at how this works....

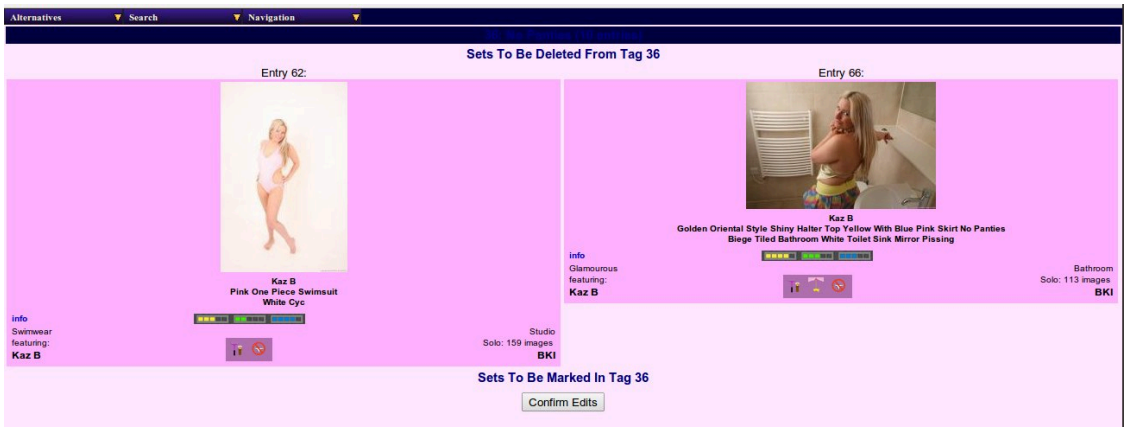
Editing Saved Searches

When you do a search, not all of the results are necessarily ones you'd want to include in a slideshow or keep around, so we've provided a way of removing specific sets from the saved search or to mark them as already viewed, providing you have the rights to do so. Typically this means it must be one of your own Saved Searches - in the example we're going to use here a search for **No Panties** has found ten image sets and we want to two of them.



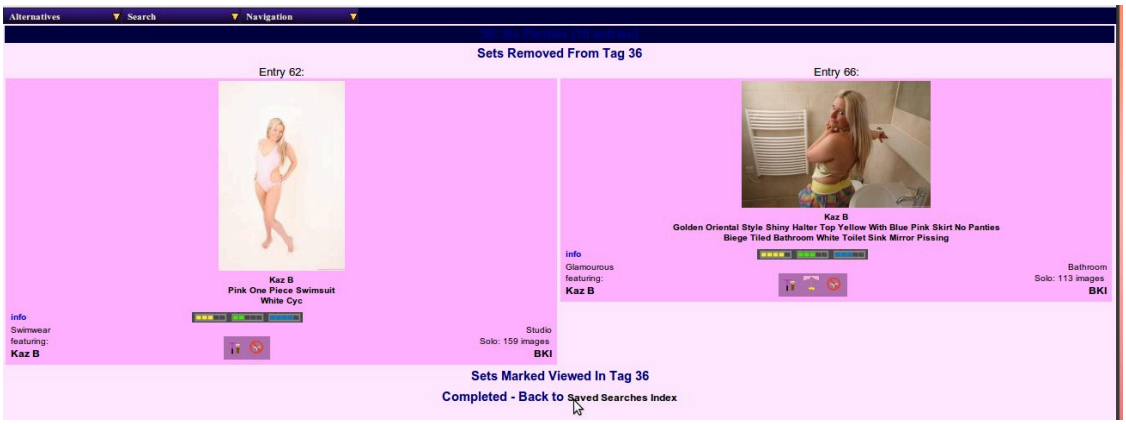
Saved Search: Initial Editor View

In this example, we're looking at one of our own saved sets, no 36 No Panties, and each set is shown to us in the usual index style but below each one are two tick boxes - the one on the left allows you to delete it, the one on the right to mark it as seen. This provides the ability to edit the saved search to remove any sets that matched but weren't really what you were looking for - in this example we've ticked the swimsuit one because it's not really featuring the tease of having no panties on and the pissing one because we don't particularly fancy that set. Once this are selected we click on the **Summarise Edits** button.



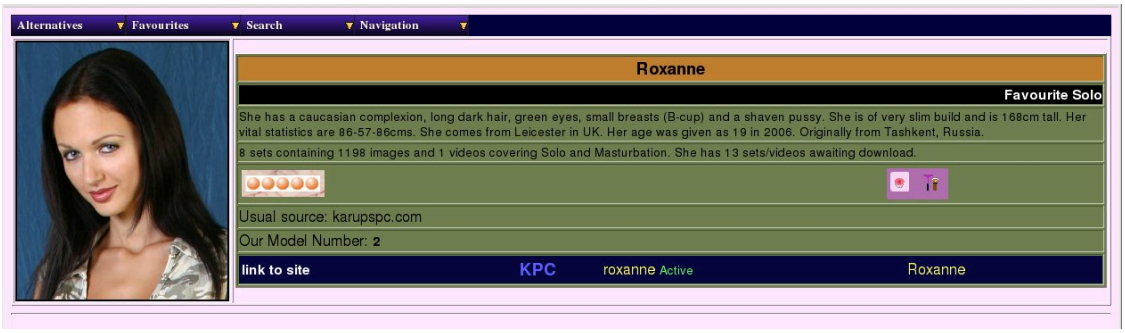
Saved Search Editor: Confirmation

The editor will then show you just the sets you've marked in two groups - first those listed for deletion from the Saved Search and secondly those due to be marked seen but retained within the Saved Search. When you then click on the **Confirm Edits** button the changes are actually made to the saved search. The final screen shows you what has been done and offers you a link to return to the list of saved searches.



Saved Search Editor: Results

Model Based Saved Search Details

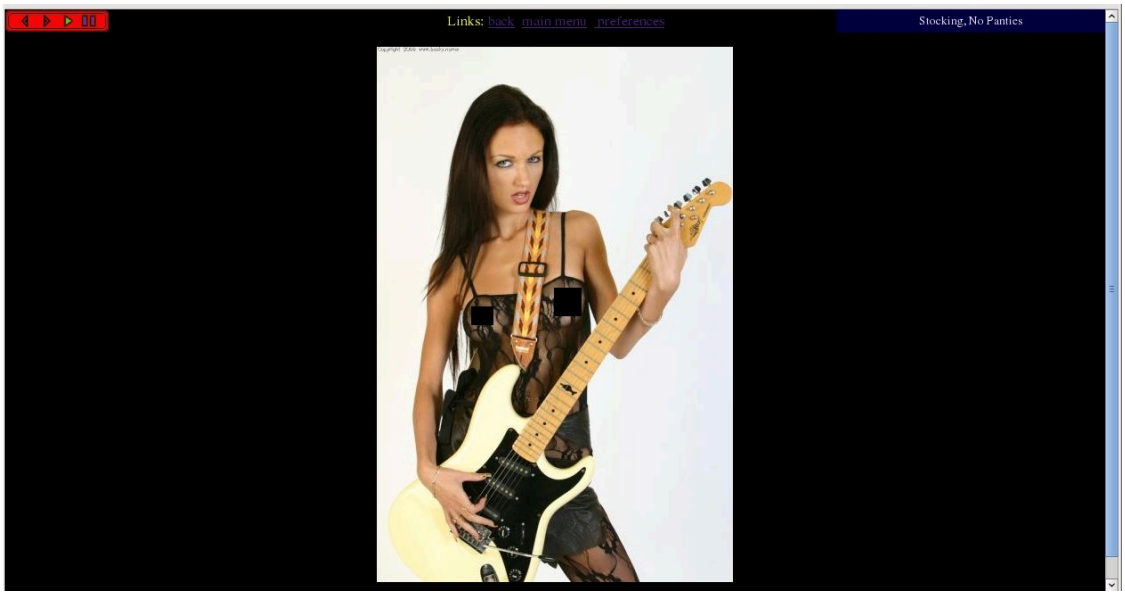


Saved Search: Model-based Details

As we mentioned earlier, we also have a detailed viewer for model based saved searches, and here it is. It normally appears in a two column format, but since we only have one model in our saved model search, it fills her entry out to the whole page. This page includes a lot of extra details, including her identities for various web sites. We'll return to this page in it's more normal form as an index of all models in the next chapter. It does not currently offer an editing option for model-based saved searches, but once again this is planned for a future release.

Other Uses For A Saved Search

Hopefully you tried the slideshow option way back when we were looking at the set page (in Chapter 4, *Looking At Images And Videos*), but maybe wondered what happened if you got when you got to the end of the set and felt it would rather spoil the mood to go back through the menus to load up another? Well, here's the answer - use a saved search in slideshow instead...



Slideshow: Playing A Saved Search

In addition to the various indices detailed above, you have probably the most useful feature of a saved search - you can use it to give you a slideshow of the selected sets. This is a screenshot of viewing a slideshow of a saved search, in this case no 28, Stocking No Panties. The picture shown automatically advances to the next one every three seconds (or whatever you delay choose in preferences) until it reaches the end of the saved search. The navigation buttons shown can be used to go back or forward a frame and pause and resume playing at any point.

For those of you who use Linux/Unix as a desktop OS, there are also an additional couple of tools available for viewing saved searches called rungq and runmp. These allow a local image viewer or movie player to be called up with a list of sets to display - this will be covered in the chapter for very technical people (Chapter 15, *Advanced Topics in WACS Usage*) towards the back of this userguide.

Chapter 13. Tour Of The Indices

Indices to Models

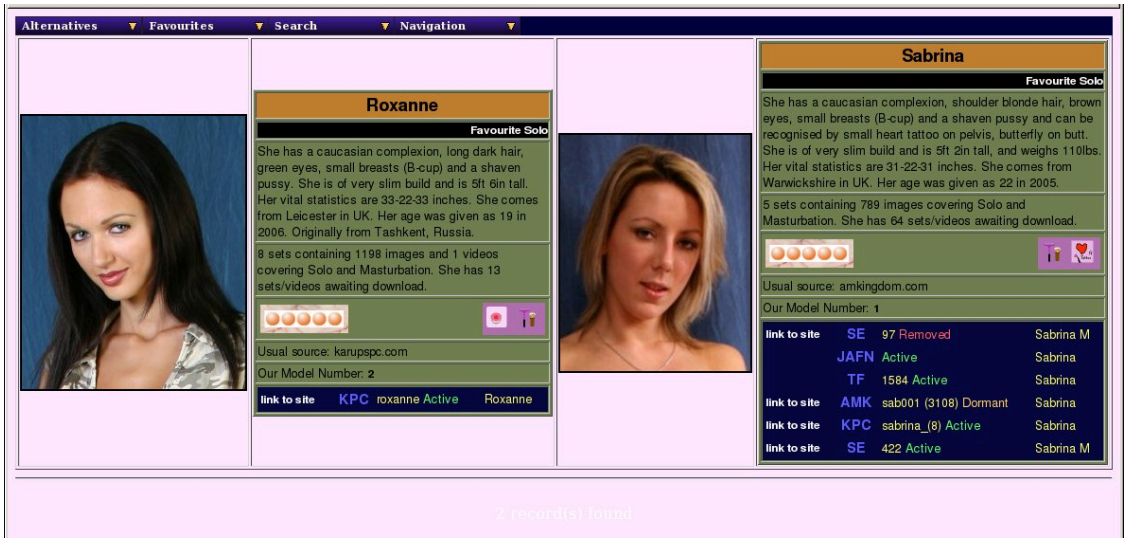
In this chapter we're going to cover the various indices that are available to look through the WACS site and the sets and models it contains. These are rather different from what we've looked at so far as they are inclusive and broad in scope. We'll start with the indices related to Models.

Alphabetic Index Of All Models

Alphabetic Index Of All Models

Here we have the headshot index for all models, which is often unmanageably large but in this case with only two models featured, it's actually quite small. It can additionally select by first letter of the model's name, a mode which it is used in when there are far more models to deal with. As usual there are links on each models headshot and name which lead to her model page. This same index can also be used in many other ways; we saw an example earlier in the chapter on the detailed model page where it was used to show all models from a given website. It can also show all the members of each of the favourites categories, and this is used in the index from the Main Menu for favourites.

All Models: Detailed Verison



Detailed Alphabetic Index Of All Models

Here is the detailed Alphabetic Index of All Models, once again rather small due to our demonstration sets only currently featuring two models. As you can see, this index includes the biography, the set statistics and the model's web site identities. As with the short-form all models index, this same screen is also used for members of each of the favourite categories, for model-based saved searches, and for showing those models featured on a given website.

Indices to Sets

As we've already seen, there are a number of tools in WACS that sample a selection of sets from galleries in order to present a more accessible way of browsing the collection. However there are times when it makes more sense to see the entire collection, much abreviated, at a single glance. WACS provides tools for this too.

Condensed Image Index

Condensed Index Of Image Sets

Here we have the index of all the galleries that exist, in the short form condensed layout. We've taken this one from our demonstration laptop WACS server because it holds a reasonable number. If you click on any one of these gallery links, you get the same thumbnail index as you would if using the high-level index with random sampling. This is of course much quicker to use if you know where you're going.

Condensed Video Index

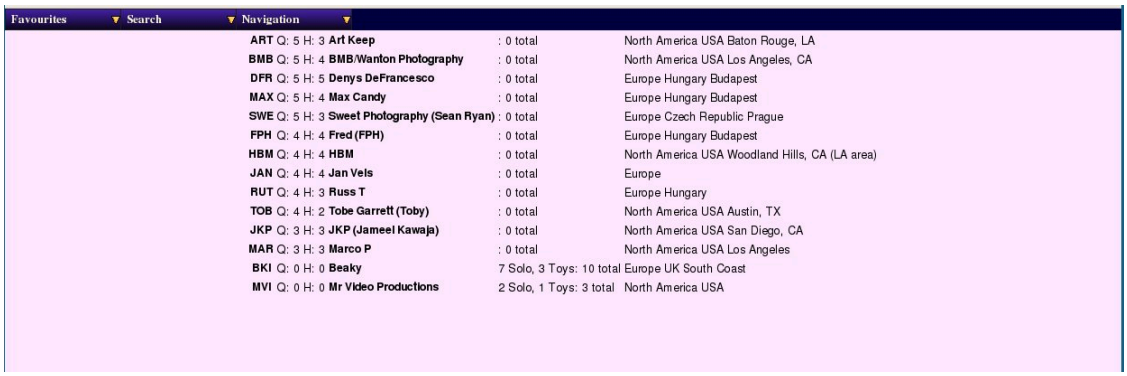
Condensed Index Of Video Clips

And finally it's back to our official demo site for a very empty example of the video condensed index! The principle is exactly the same as for the image set and it shows you what categories there are and how many galleries each one features.

Other Indices

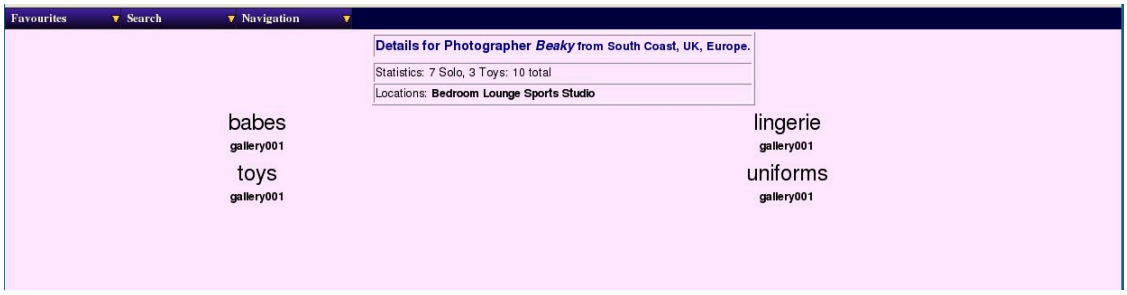
Photographers Index

There is of course also an index of Photographers, and since we preload about a dozen of the more famous and prolific ones working in the adult field into WACS, the initial index is fairly well populated. And then of course there's Beaky and his friend Mr Video listed as well because there are actually sets by them on the WACS demonstration site...



Photographers Index

If you then click on the photographer's name or code letters, you get taken to a photographer's set index page. This gives you a few basic details of name and location, a collection of statistics about the various sets that they've produced and a list of locations in which those sets were taken. There's a link on each of the locations which will show you an index of the sets taken by that photographer in that location. Finally below these you have a compressed index of the galleries which include work by this photographer.

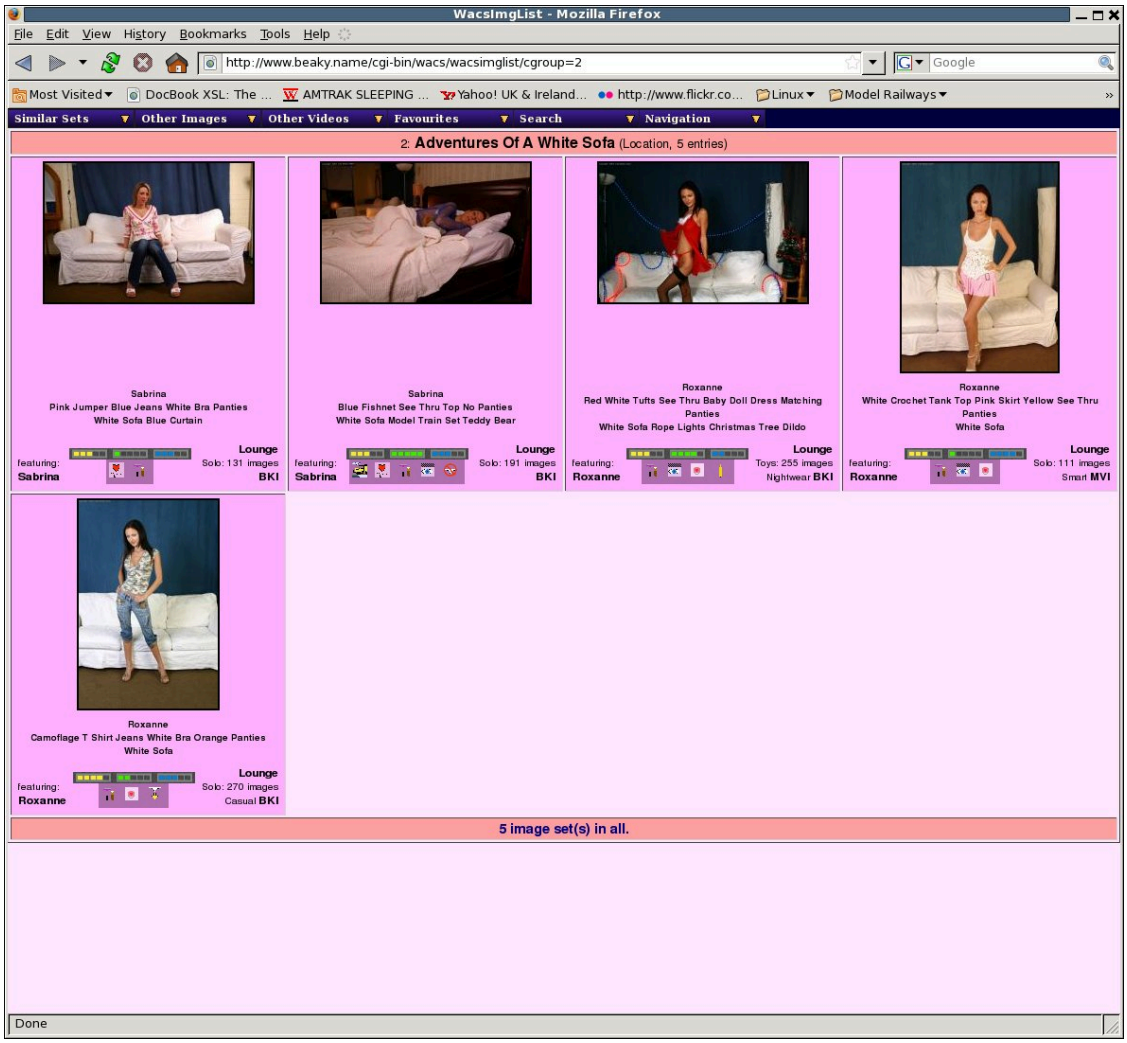


Photographer Detail Page

The Connections System

Index Of Connections

Slightly outside the other mechanisms in WACS is a way to do Ad-Hoc indexing of sets called connections. They are very similar to saved searches, except that they are far fewer and can only be constructed by the WACS site manager. They are also different in that when a set belongs to one of them, that fact is advertised in the other set and model page references by way of the connections icon. This means that if a set has been made part of a connection, you can quickly and easily follow that theme back to the sets it contains which will mostly share a common theme. Both the slideshow and rungq also support using connections.



Example Of A Connection

Here's one of those two example connections, this is the one called Adventures Of A White Sofa because the same white sofa features at some point in all these sets. This gives you an idea of some of the enterprising sideways views that can be offered through the use of connections. Of course, it's up to your local WACS site manager to dream up the inventive and obscure connections that link sets together in an interesting way!

Chapter 14. Interconnections

Movies and Image Sets

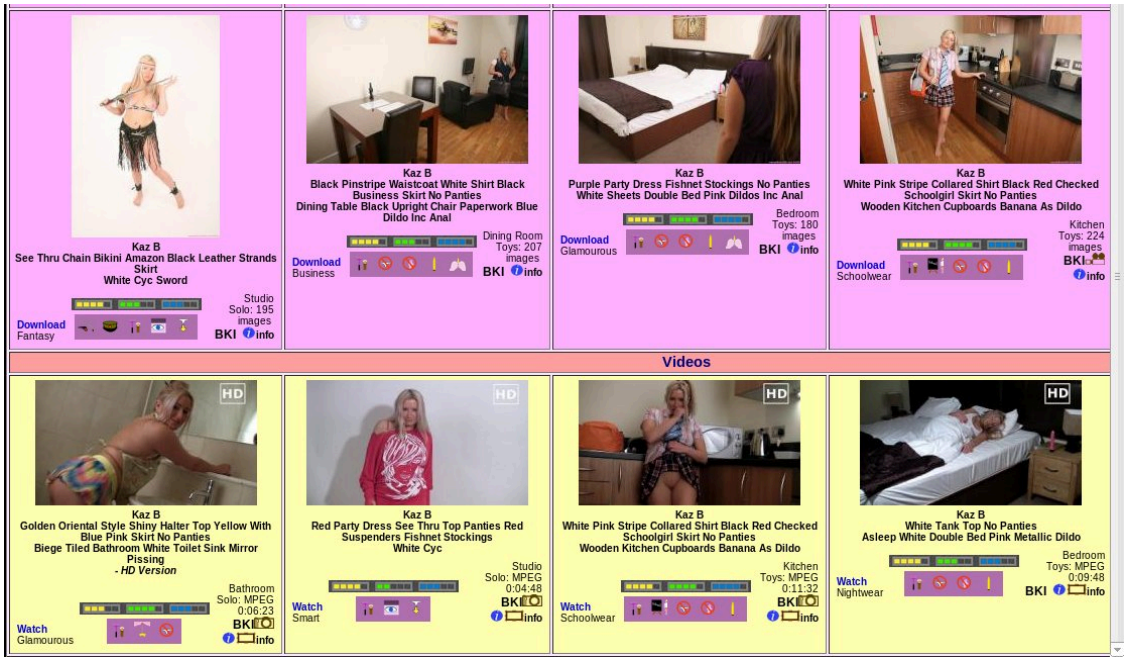
Note

This chapter describes new features that have been introduced in Wacs 0.9.0 and are entirely optional. They will only appear where new sets have been added with these features or where someone has gone through the older sets making the necessary changes. If you want to see how they work, you can visit our demonstration site at which has been updated to use them.

One of the things you will notice on many adult sites is that there are very often both photographic and video versions of essentially the same story with the same protagonists. WACS provides a number of ways in which such sets can be marked as being related to each other - a video clip information page shows *also available as a photo set* and a photo set page shows *also available as a video clip* . The example below shows a new image set that's just been added and you'll see that just by the set number is a little icon of a movie camera to indicate a video version of this set also exists.

A new photo set with an accompanying movie clip

These indications now crop up all over the WACS pages whereever appropriate for them to do so. Video sets will have a little still camera icon by them if there is a matching photoset and image sets will have a little old fashioned movie camera icon by them if there is a matching video clip. In the example below for instance we see a number of them appearing in this excerpt from the model's thumbnail page.



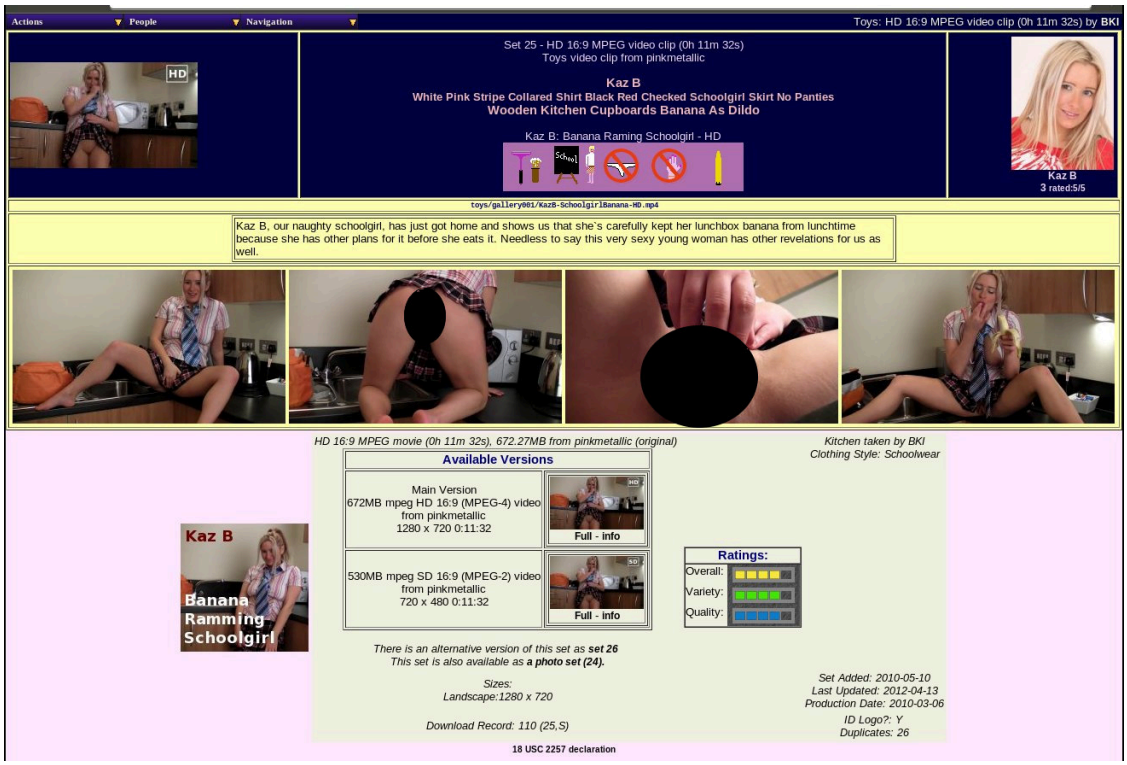
A model's thumbnail page with relation indications

Here just one of the visible image sets, the Schoolgirl one, has a link to a corresponding video clip, but all but one of the video clips have corresponding photo sets.

Choices...

As well as being able to show the connection between similar or identical topic image sets and video clips, WACS can also offer a choice of various difference versions of the same set. Most usually these choices are based upon the dimensions or quality of the images or video and thus their physical site as a download.

On we usually offer two versions of each video clip - the High Definition one for people with a fast MediaCentre style PC - and a Standard Definition (DVD-sized) one for people with a more modest PC, SmartPhone or more modest download speed. Here's a set information page for one such video showing what is available.



A video clip's set informaiton page with indications

The main point of interest is in the box in the middle, towards the bottom of the screen where it provides details of the two versions of this movie that are available - the massive 672MB High Definition version and the smaller 530MB Standard Definition version. This gives you the choice of which of these two versions you wish to download. This particular page is for the HD version, but of course you can click on the link to the other version for the smaller SD version. In addition to this you can see a link to the matching photo set.

Continuing The Show...

Many adult sites offering videos choose to split them into multiple parts to make downloading easier, and of course we've supported this in WACS as well. These will show a seperate link to each part of the movie, marked simply Pt1, Pt2, Pt3 and so on. Each part of the movie is actually a set in it's own right to WACS, but it will normally not show the second and subsequent parts on any model page or search results. You'll see the subsequent parts when you get to the set details page itself.

The way we've designed the system it's possible to have a complete HD version of a movie, and then smaller versions broken into multiple files for those people with download issues or internet tarif considerations. So you can have both alternative versions and continuations at the same time and they all work together just fine. It's also possible to have multiple resolutions for image sets as well - huge ones for printing as posters as well as smaller ones for viewing on SmartPhones.

Basically these new interconnection features in WACS offer a whole realm of new possibilities for different versions for even more choice. Enjoy!

Chapter 15. Advanced Topics in WACS Usage

Improving Your Experience Through Preferences

Size Matters

As the old adage goes, Size Matters - this is particularly true with WACS! Often the images from high quality adult web sites are fairly large and of high resolution; while this is fine on a high performance desktop PC with a big screen or when printed out, it can actually be a bit of a pain when working on a smaller screen such as on a laptop PC. If the image is too large, you'll only get to see the top part of each image when browsing through a collection or watching a slide show. Even if you can get your web browser to scale the image, you're still downloading more data than you need to.

WACS has extensive facilities for improving things visually by reducing the size of each image before it sends it to you such that you get to see the whole image. You can select what size best suits your laptop (or other display device) by using the preferences system.

The Preferences Screen

The top bit of the preferences screen gives you information on what account you're signed on with, how you're getting access (permanent permissions or temporary lease), your current priviledge level and when your lease (if you're gaining access through a lease) expires. The next section covers the preference exclusions (any types of set you don't want to be shown) you set at the start of this session. You can edit and revise these using the tick-boxes here. Note that the changes do not take effect until you click on the *Change Settings* button.

The third section is the most complicated and this controls how WACS communicates with you. The first option titled Use Direct, allows you to specify whether you want WACS to obscure the names of the icons it uses. It's normal action is to do so, but not doing so can make a page a little faster to load, particularly if it contains a lot of thumbnails. The WACS site manager also has to enable this option in order for it to work.

The next option, Image Page Style, sets whether the images WACS presents when you click on a thumbnail in the set page or set index are surrounded by navigation buttons or not. If you choose to take the framed images, the web browser typically doesn't apply any scaling and so the image may be too big for your screen and gain a scroll bar. However the frame preloads the next image and makes it easy to move on to it by just clicking on the current image. The image should then load instantly as it should already be cached. If you choose not to add frames, you get none of the preload or navigation benefits, but your web browser may well be able to scale the image for you.

We'll return to the next three options; image size, image scaling and image quality in a moment. The final option in the preferences editor is to select the wait time between images in the WACS web based slideshow - normally this defaults to 3 seconds (assuming the next image can be retrieved within that time period). This can be set to anything between immediate and ten seconds in a number of steps.

So what about the three image options? The first of these, image size, sets the size you would like the images reduced to for most effective display on your screen. The options currently offered by the pull-down selection are: 320x240 (mobile phone, data pad), 640x480, 800x600 and 1024x768. The second option, image scaling, controls when WACS uses reduced size images and when it uses the normal size ones; the choices you have are to keep all images at their original size, resize only for slideshows, resize for slide shows and set pages or always resize. The third option, image quality, has a similar or greater effect on the perceived speed than the size of the image and that is because of it's effect on bandwidth.

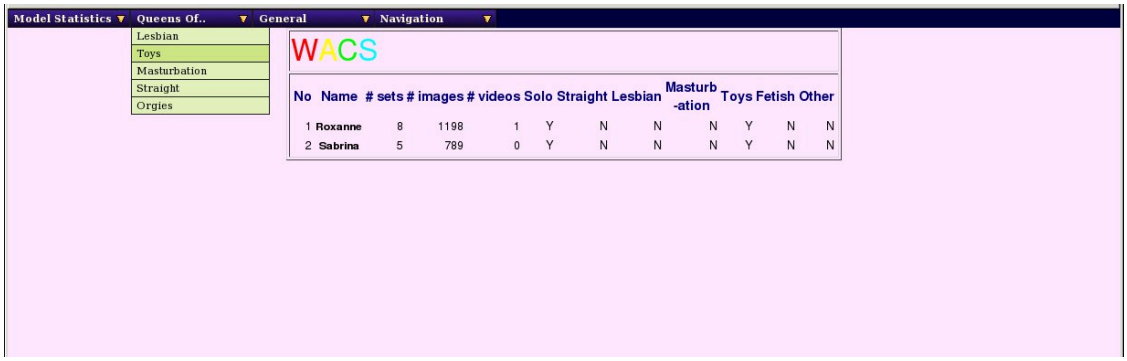
Bandwidth AKA Access Speed

If you're accessing a personal WACS site remotely, chances are you'll be using it through the uplink side of an ADSL broadband link which means the speed will be nothing like as good as you experience on your home network. Once again, WACS has the ability to help with this by making the images smaller before sending them - it can both make them smaller in dimensions and file size - the options discussed above to reduce the dimensions play a very important part, but you can also tell WACS to reduce the detail in the picture completely separately from it's dimensional size. What are normally quite presentable looking pictures can often be sent with about a quarter of the detail of the original image; a just passable image but which still gives the basic idea can be a tenth of the original size. The quality option in the preferences sets the amount of this detail-reduction is performed when the image is resized. Note that the quality controls only work when the image is being resized anyway - if the image is sent at original size, it is also sent at original quantity.

Your own personal preferences and sensitivity to artifacts (unwanted abherations in the picture) will have to guide you as to what settings offer you the best combination of quality versus speed - try various values and see what you prefer. Changes made through the preferences system take effect at the next new image downloaded, ie almost immediately.

Statistics

On the Front Page menus, right hand pulldown menu, just below preferences is an option marked statistics. This takes you to wacsstats, the statistics application. The screen shot above gives you a general idea of what it can do - it'll provide top 25 rankings for total number of images, total number of sets, and total number of videos for each model. It also includes, updated nightly, the Yes and No values for which types of set this model does.



The Statistics Screen

Additionally, there's the Queens Of menu (shown pulled down in the screenshot) which allows you to see who has the most toy sets, lesbian sets, etc. The third pull down menu gives you the download statistics which shows you where the known sets come from, how many of them you already have, how many are pending unpacking, etc. Quite useful for keeping track of download progress, etc.

Command Line Features

WACS being a Linux/Unix application it wouldn't really feel complete without some command line based features! At the moment there's really only two of these that are useful to users of the WACS system (most of the others are targetted at collection administration tasks). These are **rungq** and **runmp** - both applications are very similar and can accept similar options and arguments; **rungq** is for collections of sets containing image files; **runmp** is for those containing video files.

Obviously we had to select the image viewer and movie player applications to use and the ones we selected were **gqview** for image sets and **mplayer** for video clips. The author of **gqview** was very kind in implementing a small modification to the package itself which allows the sequential browsing of the images in a list of directories supplied to the program. The original choice of **gqview** was driven by it's good performance, very rapid good quality image scaling and nice un-interupted fullscreen mode. To get it into full screen mode, just press the `f` key. For video playback, we selected **MPlayer** because of it's vast range of compatible video formats, uncluttered display and ability to be started directly in fullscreen mode via the command line options passed to it by **runmp**.

Warning

Your Linux distribution may not have choosen to install either of these as a standard viewer, but there most definitely should be package versions available. See the installation manual for more information on this.

Rungq - Command Line Viewer

It's a little tricky to show a full screen display as anything other than the content itself with a black border, so we're just going to show you the command and diagnostic messages you can expect to see when running these programs.

Rungq in action

The **rungq** command (and for that matter **runmp**) can take any one of:

- a saved search
- a connection set
- a model number

To view a saved search containing images you can either simply give the number of the tag set, or you can prefix it with *t* or *tag* and it will invoke the Linux/Unix image viewer **gqview** with a list of actual directories containing the sets to be viewed. This allows the viewing of a slideshow full-screen and at the best possible quality without using a web browser as an intermediary. Generally a local image viewer can do a better job at going full screen than a web browser can.

To view a connection is very similar as you give it's number prefixed with *c* or *conn* . You can also view all the sets for a given model using the same mechanism but changing the prefix to *m*, *mod* or *model*. Additionally any of these can also be filtered to show only sets of a single type, so for instance if you want to see only Toy-based sets from model no 10, you can do: `rungq --cat=T mod10`.

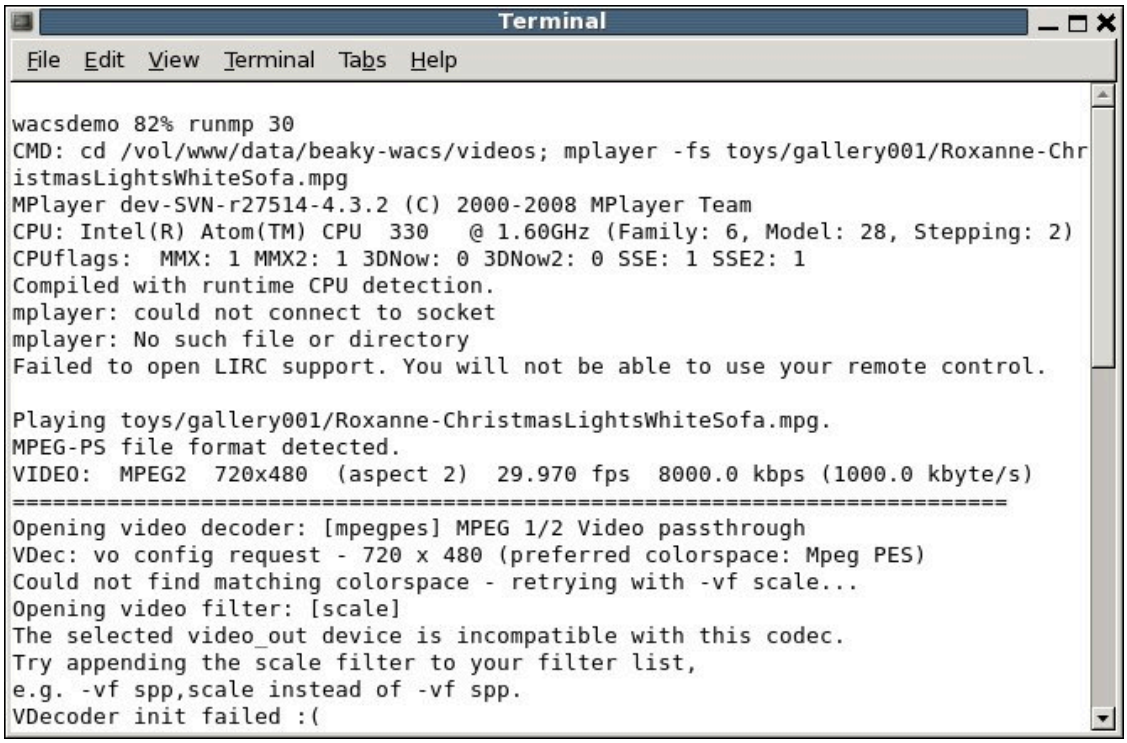
And of course that's not the end of it either; in Wacs 0.8.4 we added some further new features. Firstly, preference exclusions now work in **rungq** and **runmp**. These start off with the normal default of ignoring *`Backstage`* and *`Duplicate`* sets. You can cancel that default and see them by specifying: `rungq --excl= mod10`. You can add additional exclusions by specifying the type you want excluded, so for instance to exclude the defaults of `B` (Backstage) and `D` (Duplicate) and *`Straight`* sets you need only specify: `rungq --excl=F m2195`. To specify even more exclusions, you just need to give a comma separated list, so to exclude *`Group Orgy`* as well, you'd use: `rungq --excl=F,G m2195`. These same exclusions can be applied to connections and tag sets as well as models.

Another new feature in Wacs 0.8.4 is a `--skip=` parameter; this allows you to start viewing the selection from somewhere through the results. Typically if you've viewed half way through a connection, it'll let you jump right back in mid-way through rather than having to skip through the sets you've already seen. To skip the first ten sets in connection 7, you'd do: `rungq --skip=10 c7`.

Rungq should usually work on the web server itself; getting it to work on other hosts means making the files available by NFS in a suitable place, setting up a suitable wacs.cfg file (a copy of the one from the web server usually suffices) and getting the database connection working from Perl. This usually means installing the MySQL client side code (or Oracle equivalent), the relevant Perl DBD/DBI drivers and setting the access permissions on the database to allow database connections from the other host. There is a discussion of how to do this in the configuration manual.

Runmp - Command Line Movie Player

Just as the **rungq** can take a collection of different sets and make a slideshow of them, the **runmp** command will take a collection of different video clips and string them together as a movie show. The two commands are very closely related and accept all the same options. Both may be used on a single tag set (saved search), model's collection or connection which contains a mixture of set media types and they will merely ignore the type that they don't handle. That is **rungq** will ignore videos and **runmp** will ignore images.



Runmp in action

I'm sure those of you used to using **mplayer** on the command line will be familiar with it's profusion of diagnostics...

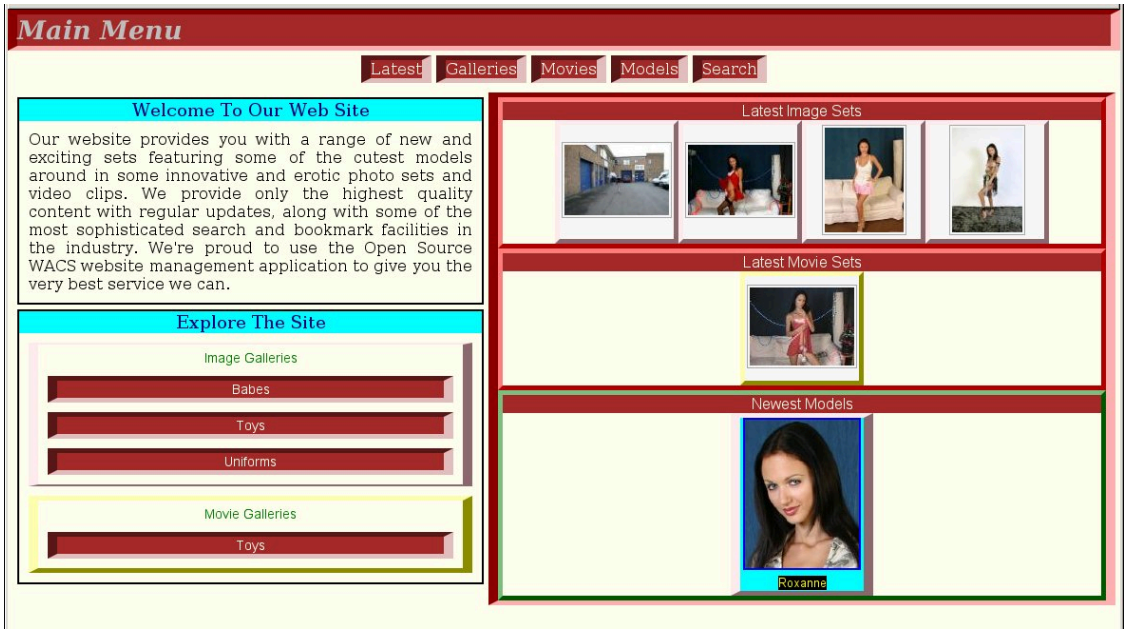
Chapter 16. Wacs-PHP: The Simple Skin

What's this about

So far in this user guide, we've been looking at the many facilities and features provided by the main WACS applications, but the WACS system goes much further than that. As well as being a complete environment for the maintenance of an adult media collection, it also provides a significant set of toolkits and utilities for web designers and web site managers to use to build their own offerings. As a demonstration of these facilities we have included a small demonstration web site written in the PHP language to give people an idea of what can be done. This is known as *The Simple Skin* and is provided as part of the **Wacs-PHP** environment. Additionally in more recent releases we have added a couple of sample programs that use Web 2.0 technologies, with more planned.

This package (Wacs-PHP) may well have been installed along with WACS and this chapter will showcase a few of it's features. It's actually quite a sweet little website in and of itself and is probably a lot simpler for casual users than the main Wacs system which can be quite complex, as I'm sure you've observed working through this guide. Of course it's main purpose is as a worked example for web developers to better understand what the WACS system can do for them, so the one you're seeing may have been restyled or significantly altered from what is described here. If you want to see an example of a restyled version of the Simple Skin, you can visit the normal Members Area on our demonstration web site PinkMetallic.com [http://www.pinkmetallic.com].

Wacs-PHP Simple Skin: Main Menu



Wacs-PHP Simple Skin: Main Menu

The starting point for exploring the Wacs-PHP simple skin sample web site is the Main Menu shown here. The title and navigation bars are common thoughout the sample site, and with the Wacs 0.8.5 release all

of them are now functional. Working from the left to the right, we have the latest additions summary, then the galleries indices for both image sets and videos, the model directory and finally the search system.

Moving down the page is divided into two halves; the left hand side features an introduction to the site (which on the distributed version is laughably generic), followed by links to the major galleries within the site. The right hand side features just the very latest sets, videos and models to be added.

Wacs-PHP Simple Skin: Latest Additions

Wacs-PHP Simple Skin: Latest Additions

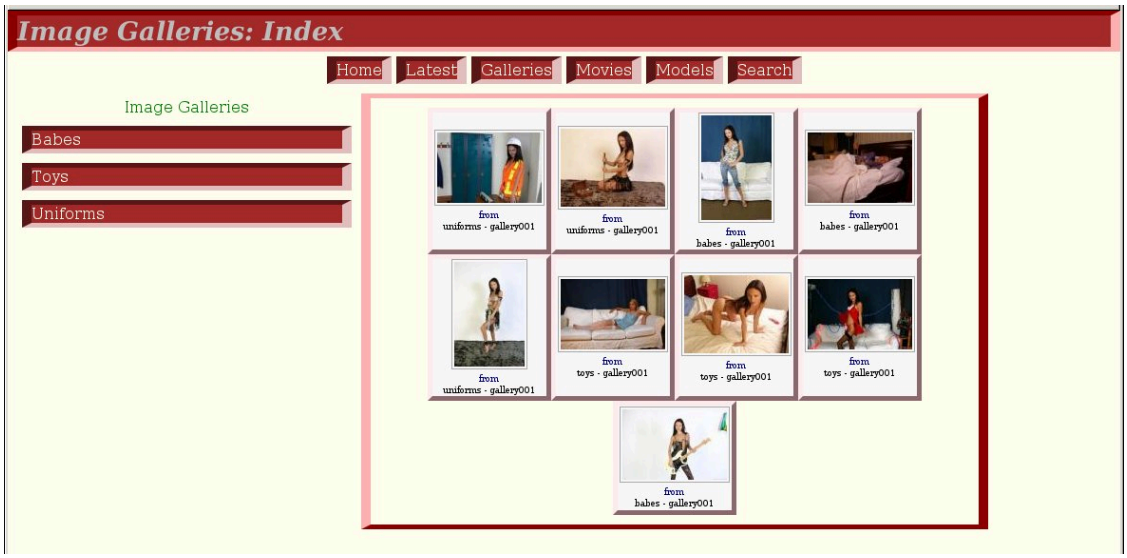
This is the latest additions page which simply a collection of the most recently added sets, videos and models. The actual number of sets it shows varies but it basically works back from the latest additions until it's found what it considers *enough* sets and then includes all of those added within a few days of the day it had reached when it considered it had enough. This is normally around 20 sets if there are that many on the system. The reason for this slightly odd method is that if the addition of sets is somewhat sporadic, it should still show a reasonable selection regardless. It also goes back that little bit extra to try and ensure that a sequence of sets released together will stay together.

On the latest additions page we've used the bigger icons so that details of what is in the set is more apparent than from the smallest thumb nails. As ever, clicking on the set's icon will take you to the detailed summary page for the set itself. However, more of that later.

Wacs-PHP Skin: Set Related Pages

In this section we will look at the path down through the various levels of gallery until we reach and look at the sets themselves be they image sets or video clips. All of these pages, until we reach the actual set details page, are actually exactly the same in layout for both image sets and videos and are actually produced by the same programs.

Wacs-PHP Simple Skin: Image Section Summary



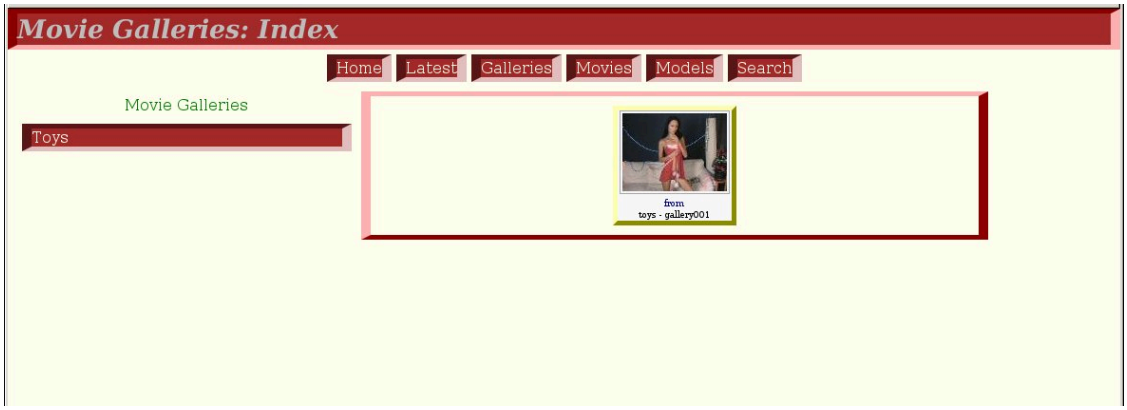
Wacs-PHP Simple Skin: Image Section Summary

Most adult web sites are divided up into a number of topics areas to make finding things easier although Wacs itself is very free and easy about what these actually are. In our examples here we're showing our demonstration site PinkMetallic.com [http://www.pinkmetallic.com/] as viewed through the standard simple skin colour schemes rather than the custom set we use for the members area. In this site we generally group by the standard set type: Solo, Toys, Masturbation, etc although we have sub-divided the Solo into Babes and Uniforms. The screenshot above shows the three areas in which we currently have sets: Toys, Babes and Uniforms along with a random sampled selection from all of the areas.

You can click on any of the areas to see the galleries available within that area or on the sample icons to go straight to the relevant set.

Wacs-PHP Simple Skin: Movies Section Summary

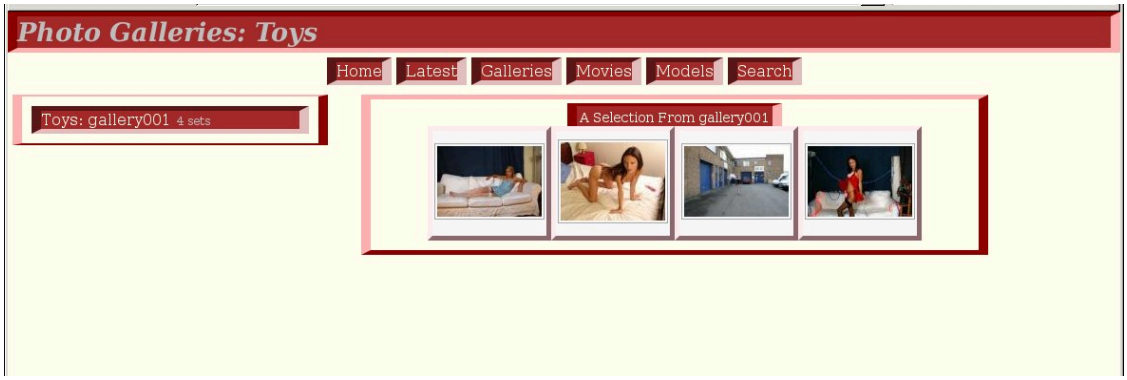
Moving on to the movies, we have the movie section summary:



Wacs-PHP Simple Skin: Movies Section Summary

This screenshot shows much the same as that of the previous one apart from this time we are looking at video clip sets rather than image sets. And yes, when this screenshot was taken we only had one video clip on PinkMetallic.com [http://www.pinkmetallic.com]!

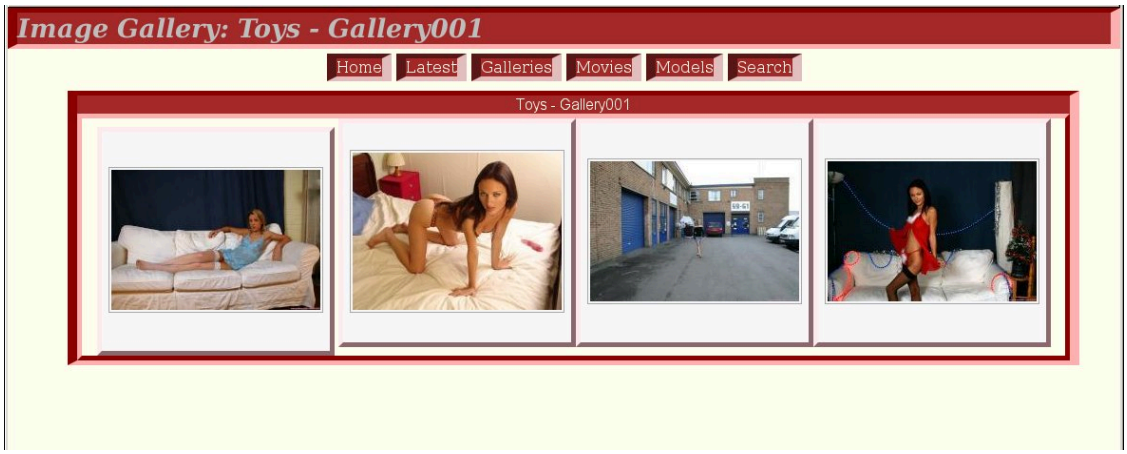
Wacs-PHP Simple Skin: Galleries List



Wacs-PHP Simple Skin: Galleries List

We're now narrowing down our selection a bit and have got to the list of galleries within the section, in this case the toys image set gallery. Unfortunately we don't yet have enough sets of one type to show the full extent of how this works (we're working on that, honest!). Basically down the left hand side of the page you have a list of the galleries, ordered to show the latest galleries first (in the gallery layout style, or alphabetically in other styles). On the right hand side you have the names of the latest three galleries containing new stuff and a random sample from each of those galleries. You can click on either the left hand bar or the title bar of the samples - where it says "A selection from " to visit the relevant gallery. Alternatively you can dive straight into the set itself if you want to see more of one of the sampled sets.

Wacs-PHP Simple Skin: Gallery



Wacs-PHP Simple Skin: Gallery

Having selected the topic and then the gallery within the topic, we actually reach the gallery itself. Here we see the four sets currently within the Toys Gallery 001 directory shown. You can of course click on each of the set icons to get to the set itself.

Wacs-PHP Simple Skin: Photos Page

Wacs-PHP Simple Skin: Photos Page

And so we finally reach the sets themselves. Here we have the set details for one of Sabrina's sets. On the left hand side we have icons, lots of icons: the set thumbnail, the attributes icons and the rating icons. The ratings icons from left to right are: Overall rating, Variety rating and technical rating. In the middle we have the official title of the set and it's description and over to the right we have the model's details and information on the type, location and attire featured in the set.

Moving down the page we have the detailed description of the set if it exists and then below that the links to the various things you can do. This includes viewing thumbnails, downloading the set, looking through it an image at a time or an automatic slide show.

The thumbnails program will be familiar to you from the normal Wacs system - it's the same as the page mode of the normal thumbnail program. The main change is that the menus have been tailored to call back to the Simple Skin pages rather than the Wacs core pages. This is quite a good example of just how configurable the whole Wacs system is - the seemless integration of these two environments.

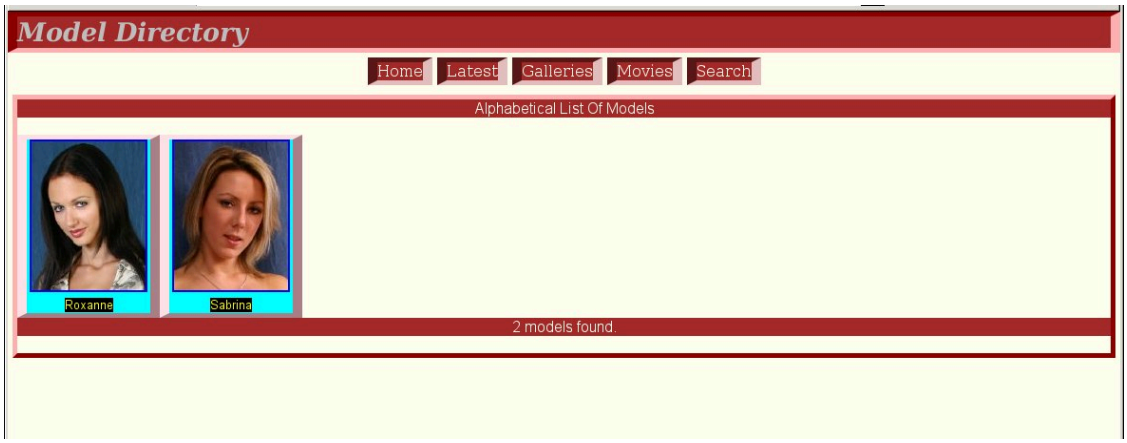
Wacs-PHP Simple Skin: Videos Page

Wacs-PHP Simple Skin: Videos Page

This is the set page for videos - it's basically very little different from the page for image sets we just looked at. Here in addition to the official title, we also have an official icon which has joined the title in the top row. The short description of the set has now moved down and become a title of it's own. For videos, we currently only offer up the option to download the movie; we're looking at trying to include an embedded player but it is proving hard to get that to work right on all web browser platforms.

Wacs-PHP Simple Skin: Model Related Pages

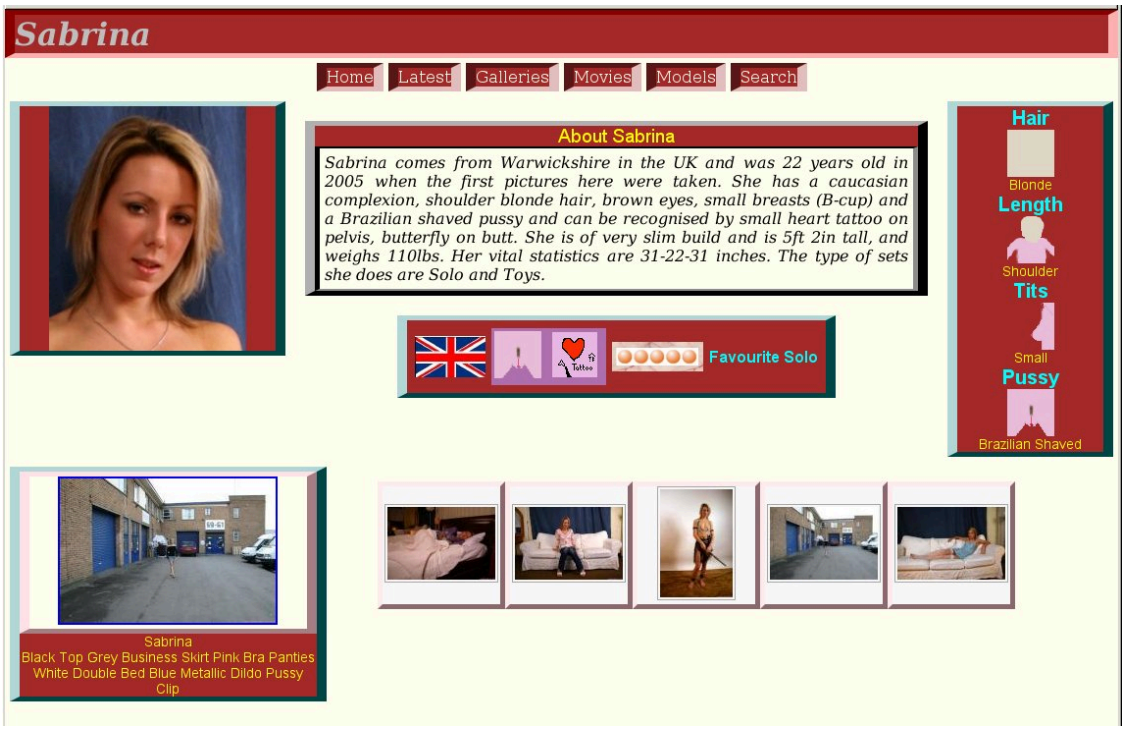
Wacs-PHP Simple Skin: Model Directory



Wacs-PHP Simple Skin: Model Directory

This is the model directory. It's still fairly simple and will take as long as it needs to to display all of the models known on this WACS site. Future planned enhancements will include pagination, most likely by first letter of the Model's name. For our PinkMetallic.com [http://www.pinkmetallic.com] site and probably many others, this is not going to be a problem for quite some time!

Wacs-PHP Simple Skin: *Girlie*- The Model Page



Wacs-PHP Simple Skin: Girlie - The Model Page

We decided to call the model page **girlie.php** which we figured was utterly politically incorrect but absolutely and accurately described what it covers (or is that uncovers!) in a nice and short name.

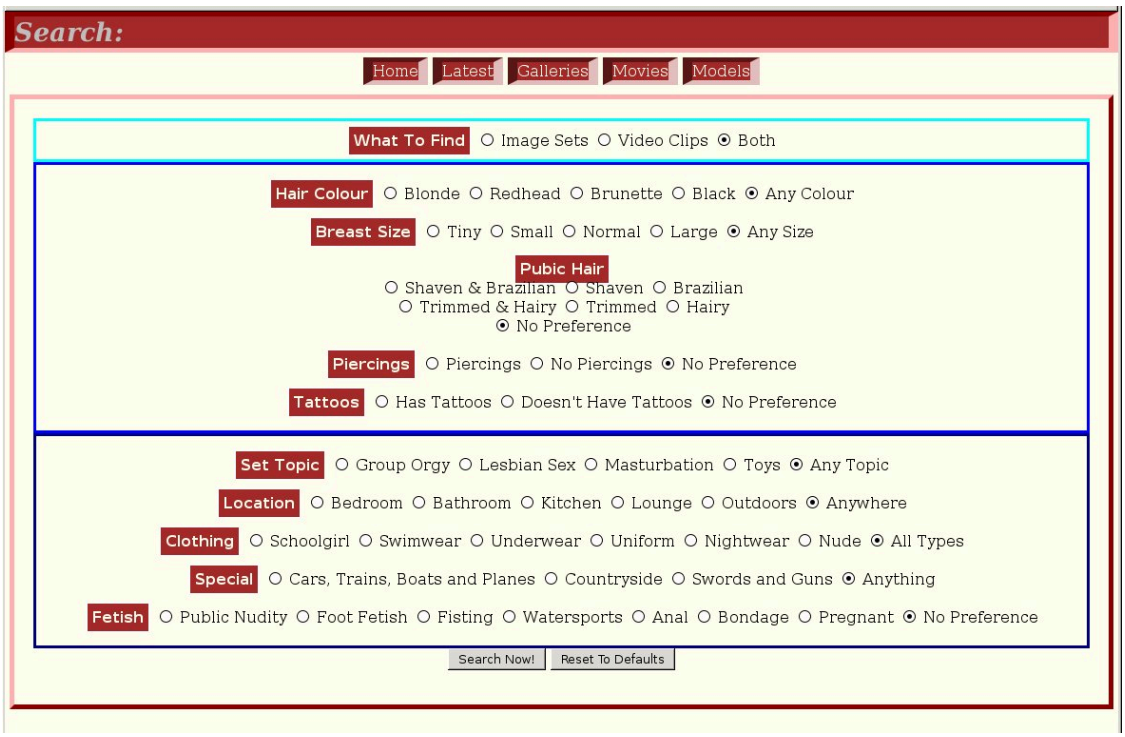
It's a similar style and layout to the image and photo set pages with the main icon on the left, the name amnd descriptive text in the middle and additional information on the right hand side. In the middle we also have another group of icons covering the model's nationality, attributes, ratings and membership of any of the favourites groups. Down below that we have a large icon and description for the most recently added set featuring this model and then smaller icons of all the other sets that she features in.

Wacs-PHP Simple Skin: Search Page

The search feature on the Wacs-PHP Simple Skin is dramatically different from that in the rest of the Wacs system. It combines the selection of models based on their attributes with the selection of sets based on the set attributes. It also includes the ability to search for both image sets and videos at the same time. What it doesn't do however is create a saved search (tag set) - all the links are straight to the set pages themselves. In fact nowhere in the Wacs-PHP Simple Skin system will you find any reference to saved searches; that feature was deemed to complex for use in the conventional member's page environment and

so was left out entirely. It is of course quite possible for a web developer to make use of the saved searches or connections infrastructure in their own customisations of the Wacs-PHP Simple Skin.

Now, let's take a look at the search screen itself:

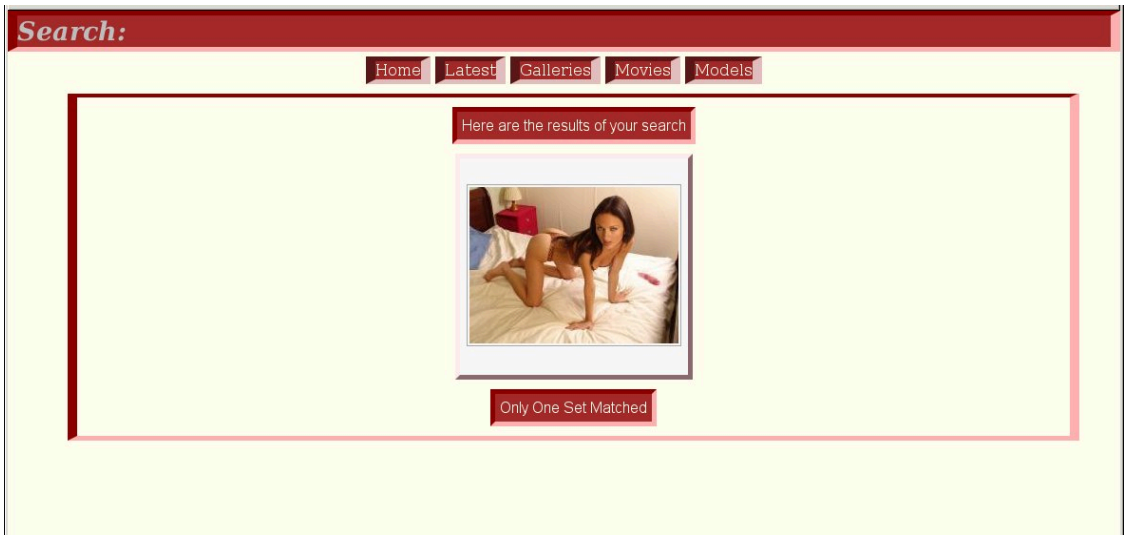


Wacs-PHP Simple Skin: Search Page

As you can see we've divided the search form into three sections, each one of which we've enclosed within a border. The top area is where you tell it what to find - very simple and straight forward. The middle area relates to the model, and the bottom area relates to the sets. Obviously in designing a unified search screen like this we have of necessity had to limit the complexity and drop out quite a number of the things we would have been able to search for. While some of the choices may appear a little haphazard, we think they should serve reasonably well as a starting point. It's also designed to show web programmers a few tricks in how to mix-and-match how and where search criteria are applied.

In the central block, ie those relating to models, we allowed searching by five criteria - hair colour, breast size, pubic hair style, piercings and tattoos. This does of course mean we had to ignore race, hair length, build, age and nationality just to mention a few. Still hopefully we've picked those that are the most compelling for the majority of people. The ability to exclude piercings and tattoos is of course achievable in the normal Wacs search facilities but requires a lot more clicks to achieve.

In the bottom block are the attributes relating to sets. These were probably the hardest to pick as there were many possible options we just had to leave out. Still hopefully those we have selected here provide a good basic selection. There are many of them, particularly the fetish ones, where we don't have any sample sets to find on PinkMetallic.com [http://www.pinkmetallic.com/] so we may in due course remove those that we don't have from the member's area sets and replace them with ones that we do.



Wacs-PHP Simple Skin: Search Page

Shown above is the results page for submitting a given query - in this case it was for shaven models in their underwear with toys. Only one set matches, one of Roxanne's. In each case, you can obviously click on the icon in order to visit the appropriate set page for that set. It should be possible to use the browser's back button to return to the results page and visit other sets, but that is the extent of the recall available. Contrast that with the long term recall offered by the conventional Wacs search system.

We've now covered pretty much the whole Wacs-PHP simple skin website which hopefully gives a rather different and more conventional view onto the Wacs environment. Do remember that it is all very customiseable and styleable - we'd encourage you to have a play around and if you come up with a nice look and feel you'd like to share, please do send it to us for inclusion in a future Wacs version.

Future Directions

The current **Wacs-PHP** *Simple Skin* is only just becoming feature complete and will no doubt get enhanced over time. The biggest opportunity is that we've created a set of webapps that should be very customisable and should easily be able to take on very different looks from what we've done merely by changing the style sheet. We very much hope that people will contibute other style files to the project and give the Simple Skin some very different looks. If you have an interest and some web design skills or php programming skills, please consider getting involved and helping us improve it.... that is after all the goal of Free and Open Source Software (F/OSS).

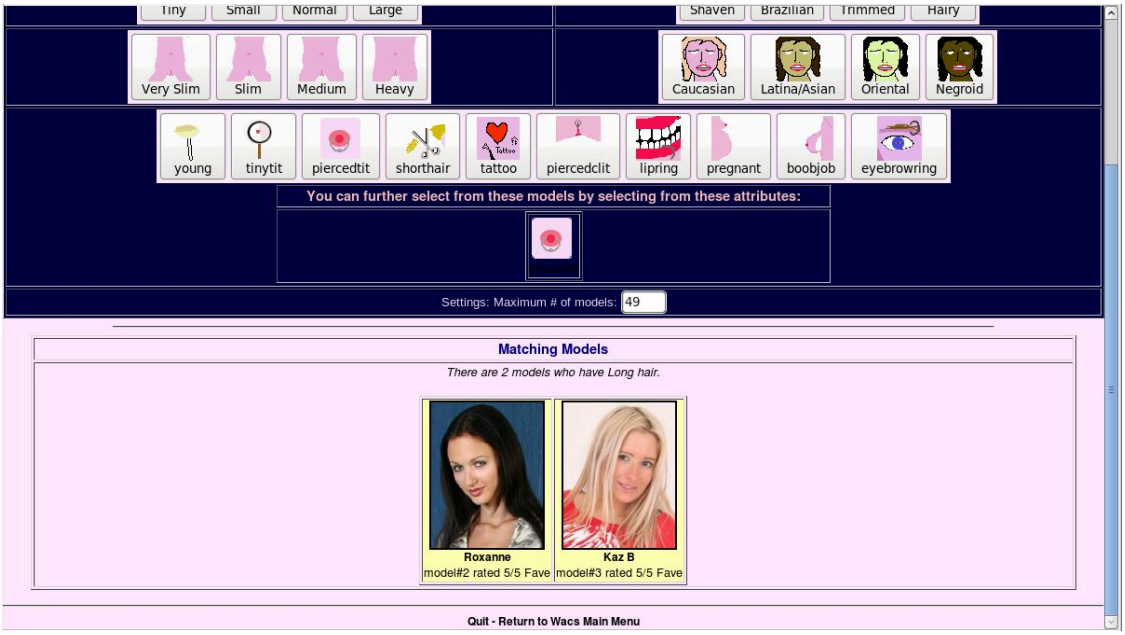
Our contact details are given at the front of this user guide - please do get in touch...

Wacs-PHP and Web 2.0

Web 2.0 applications are *Flavour of the Month* at the moment and the WACS architecture is completely compatible with it. However it's easy to say that and quite another thing to prove it, so we decided to create a demonstration application back in wacs-php 0.8.4 that shows how to do it. Our initial application was a dynamic model selector where you click on attributes and the lower half of the screen updates with the models that match the criteria so far. We've recently added a bunch of new features to this including body type, complexion and the full range of model attributes and have re-written it to use the industry standard jQuery library.

Wacs-PHP Web 2.0 Demo - ModelSel

You then simply click on the appropriate attribute and the page updates with those models who match that criteria. Click on another attribute and the page updates again with those who match that criteria and so on. In the illustration, the icon we clicked on was for long hair...



Wacs-PHP Web 2.0 Demo - ModelSel Step 2

This was also the first Wacs-PHP application to use the standard Wacs tools look-and-feel to show that tools using the different technologies can be easily intermixed. We have recently added a partner application to **modelsel** called **setsel** which uses similar attribute marks as filters to select sets dynamically based on the criteria you select. We expect to add a few more web 2.0 demonstration programs over the next few Wacs releases.

Chapter 17. Further Reading

Other Documents

There are a number of other documents available to tell you more about WACS including how to install it, how to manage sets with it, how to configure it, and how to develop your own web pages using it's resources. We have just finished re-writing all of the older guides in the same style as this user guide, now they are completed are all available in PDF, single page HTML and multiple page HTML formats.

Table 17.1. WACS Documentation

Document	Available	Description
User Guide	Now	Introduction to using WACS
Installation	Now	How to install WACS
Configuration	Now	Introduction to the WACS configuration files and reference to configuration file options
Programming	Now	Tutorial Introduction to Programming With WACS, API reference manual and Database Schema Reference
Administration	Now	Introduction to collection administration with WACS
Man Pages	New for 0.8.5!	The manpages about the WACS command line utilities

As we enhance and expand these manuals, they will become available on the WACS web site. All WACS documentation is available in the WACS distribution and via our sourceforge site at http://wacsip.sourceforge.net [http://wacsip.sourceforge.net/] and in the `wacs-devel` section of the Subversion (SVN) repository.

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