



Get Your Access, SQL Server, Or MySQL database online!

After many tedious hours of programming web databases for our clients we decided we needed something to help us. We came up with ASaP!

You can visit the [ASAP home page](#) for up to date information regarding ASAP!

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mhanes@sdwp.com

Versions

ASaP comes in four flavors:

Personal Edition

Generates ASP or PHP to search and view records from MS Access, SQL Server, or MySQL Databases Types.

ASP Version

Generates only ASP pages and will connect to either MS Access or SQL Server Database Types providing search, view, modify, delete, and password protection features.

PHP Version

Generates only PHP pages and will connect to MySQL database types providing search, view, modify, delete, and password protection features..

FULL Version

Generates either ASP or PHP and will connect to either MS Access, SQL Server, or MySQL Database Types providing search, view, modify, delete, and password protection.

Please visit our website to purchase the version that is right for you. <http://www.data-asap.com>

Loading Projects

Load Project : You can browse your hard drive to load a project using the "load project" button or select from the "Most Recently Used" list.

Locate Project File

Load Project

Project Path
D:\inetpub\wwwroot\sdai\administration\gallery\gallery.sss

Recent Projects

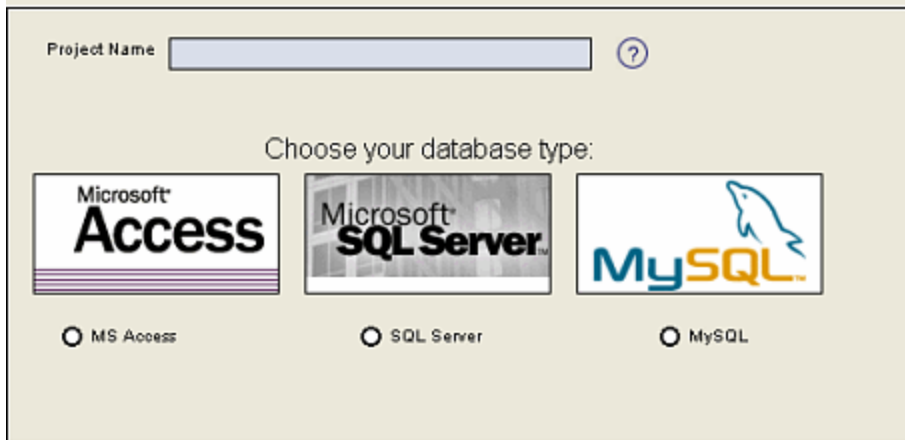
- D:\inetpub\wwwroot\sdai\administration\gallery\gallery.sss
- D:\inetpub\wwwroot\Northwind\Products.sss
- D:\inetpub\wwwroot\Northwind\Categories.sss
- C:\Program Files\San Diego Web Partners\dogs\dogs2000.sss
- C:\Program Files\San Diego Web Partners\painters\painters.sss
- D:\inetpub\wwwroot\sdwp\dogs\dogs.sss

Project Name

New Project

New Project: Click on the New project tab if this is a new project.

Database Type: For new projects you will first need to select a database type and you have the option of then setting the project name. The generated pages will default to the tablename but you can change this by simply typing in your own project name. Web Page file names do not allow spaces in them so these will automatically be taken out.



Project Name ?

Choose your database type:

☐ MS Access

☐ SQL Server

☐ MySQL

NOTE: The **ASP** version of ASaP will only show the database types of MS Access and SQL Server while the **PHP** version will only show the database type of MySQL.

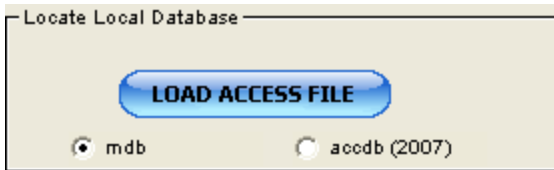
Databases

Based on your choice from the Load Page you will have pre-selected a database type already.

- [Access](#)
- [SQL Server](#)
- [MySQL](#)

Access Database: Click on the "LOAD ACCESS MDB" button and then just select your Microsoft Access database from your local hard drive and then click on the next button to connect to the database.

NOTE: Access will only show up for the [ASP](#) version and for the [FULL](#) version



If your database will not be in the same folder that you will be generating your files in, you must supply the database path. The database path will represent where the database is going to be in relation to your generated files on the server. Example if you propose to create a folder called [data](#) and store the database there on the server but you propose to store your project files in a folder called [myproject](#) then you would type the following in the database path box ([../data](#)). The two dots tell the server to move up one folder and then the /data tells the server which folder to move down into.

MySQL: If you are working with a MySQL database use the following steps:

NOTE: MySQL will only show up for the [PHP](#) version and for the [FULL](#) version



New in version 3.1.40 you are not required to use a DSN in order to connect to your MySQL database. Simply type in the following required items below in the bulleted list. **NOTE:** If you have any problems with this feature then the DSN option will be necessary (see below *** if you have problems).

- **username**
- **password**
- **database name**
- **server name**

New in version 3.3.11 - If your HOST does not allow remote connections to the MySQL database then you can check the 'Use remote MySQL Connection' checkbox. You will need to upload the required connection script to your host first and then supply the domain name.

*** If you have any trouble connecting without a DSN as discussed above then you can get the MyODBC driver from the MySQL site <http://www.mysql.com/downloads/api-myodbc-3.51.html> or you can download from the data-asap site <http://www.data-asap.com/downloads/MyODBC-351.exe>. After installing the driver you will need to open your ODBC client and create a [DSN](#) to the MySQL database. **New in version 3.1.20** we have added the ability to open the DSN Manager within ASaP so that you can configure your local DSN. Simply click on the DSN Manager button and then configure your DSN as you would do normally. For more information see the [DSN](#) section. The DSN will allow you to connect to your remote or local copy of the database. You will need to supply the following within the ODBC client:

- **DSN Name**
- **MySQL Host**
- **MySQL Database Name**
- **user**
- **password**

SQL Server: **NOTE:** SQL Server will only show up for the **ASP** version and for the **FULL** version. There are two different ways to configure your generated pages in a SQL Server environment.

1. [DSN Connection](#)
2. [DSNless Connection](#)

SQL DSN Connection: This method is used when your Internet Service Provider has setup a DSN for you on the server which refers to your SQL Server database. You can open the DSN Manager within ASaP so that you can configure your local DSN to match the server DSN. Simply click on the DSN Manager button and then configure your DSN as you would normally do. For more information see the [DSN](#) section. See below for details involving both methods.

A screenshot of the "Remote Database Information" dialog box. It has a title bar and a main area with several sections. The first section is "Security (if applicable)" with a question mark icon, containing "User ID" (myUserName) and "Password" (myPassword) fields. The second section is "Data Source Name (DSN) if applicable" with a text field containing "myDSN". The third section is "DSNless Option" with a question mark icon, containing a checkbox labeled "DSN-less Connection" which is currently unchecked.

SQL DSNless Connection: This method is used when your Internet Service Provider has not setup a DSN for you on the server but instead has given you just a username and password. In this scenario you would check the DSN-less Connection box and then supply the additional information:



Remote Database Information

Security (if applicable)

User ID ?

Password

Database Name

?

SQL Server

?

DSNless Option

☒ DSN-less Connection ?

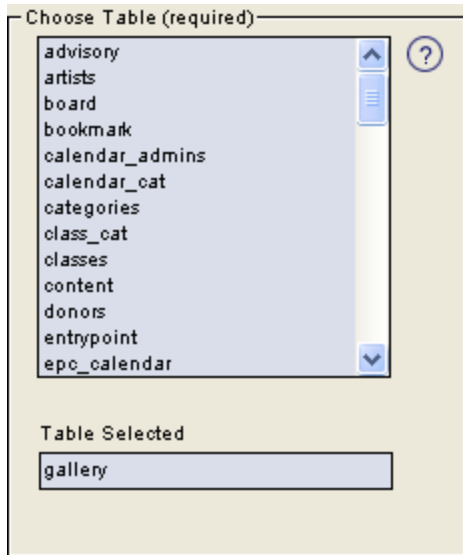
- **User ID**
- **Password**
- **Database Name**
- **SQL Server address**

For more information regarding specifying fields see the [Quick Start](#) section.

Tables

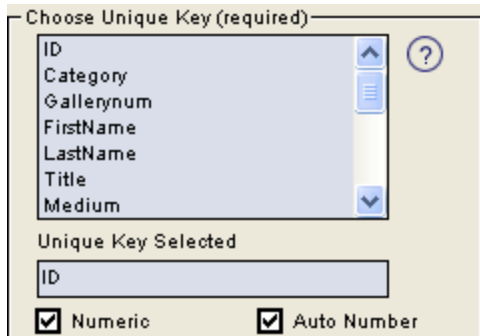
Choose Table

Scroll through the list of table names and choose one by clicking on it. Once you have select your table, the names of the fields in the table will appear in the other lists.



Choose Unique Key

Your database table probably has a field that is designated as the **unique key** ([In most cases ASaP will detect this field automatically for you](#)).



Specify which field in your table is the unique key by choosing it in the list. Then, indicate if it is numeric and / or of the AutoNumber type, by checking the appropriate boxes. A unique key is a field in a table that contains information that is unique to each record and thus uniquely identifies each record. If the unique key is Numeric (and can not contain letters or special characters) check Numeric.

It is highly recommended that your unique key be numeric and of the 'auto number' type. Advanced users are more likely to have success while choosing to have a unique key that is other than numeric and of the autonumber type.

About Auto Number: Usually if the unique key is numeric, it is also of the "Auto Number" type. In this case, the database itself automatically generates a new and unique number or "key" for each new record added to the table. This removes the burden of ensuring each record has at least one field of information that uniquely identifies it. **Note:** This is all done automatically, hence the name 'auto number'.

Choose Sort Field

This is optional. Choose which field to sort the records by when they show up on the search results aka reports page. The order will be ascending (from A to Z) by default, unless you check the Descending box.

Choose Sort Field (optional) ?

| | |
|------------|---|
| ID | ▲ |
| Category | ■ |
| Gallerynum | ■ |
| FirstName | ■ |
| LastName | ■ |
| Title | ▼ |

Sort Field Selected

Gallerynum

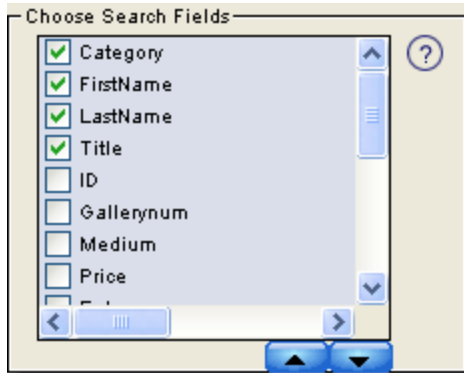
☐ Descending CLEAR

Fields

Choose which fields (or columns) from your database table to display on your generated pages.

Choose Search Fields

Scroll through the list of field names and click to check or uncheck the boxes next to the field names to select or deselect them. You can change the order in which the fields will appear on the search form by clicking on the field you wish to move and using the up and down arrow buttons below the listbox to move it higher or lower in the list.

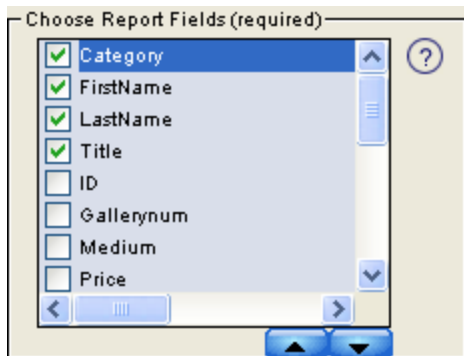


Microsoft Access Databases Only: Any field that is of type "memo" in your database will automatically get generated on all forms as a larger textarea box. Any field that is of type "boolean" in your database will automatically get generated as a checkbox. If you desire textarea boxes or checkboxes on your forms, it is recommended you go into your database and make the fields of type memo or boolean accordingly.

MySQL Databases Only: You will need to specify which fields are of type memo and checkbox (boolean) later, on a screen that is specific to MySQL databases.

Choose Report Fields

Choose the fields in the same way as above for the Reports (aka Search Results Page).



This generated page looks like a report with one column across for each field and one row for each record (like a spreadsheet with rows and columns).

| Breed | Kennel Group |
|---------------------|--------------|
| Λ V | Λ V |
| > Afghan Hound | Hound |
| > Airedale Terriers | Terrier |
| > Basset Hound | Hound |
| > Beagle | Hound |
| > Bearded Collie | Working |
| > Border Terrier | Terrier |
| > Boxer | Working |
| > Bull Terrier | Terrier |
| > Bulldog | Utility |
| > Cocker Spaniel | Gundog |
| Records = 31 | |

Choose Detail Fields

Choose the fields you want to appear on the Detail Page, as above. On this page you will typically include most, if not all fields to display the entire record's contents. To save time, click the button labeled "ALL" on the right, to add all fields to the detail page. You can then uncheck to deselect any fields you wish to exclude from the detail page.

NOTE: If you have a unique key that is of the AutoNumber type, it will not appear on the Add or Edit pages. This is a precaution to avoid database errors. If a field is of type AutoNumber, the number is generated automatically by the database and should attempts should never be made to supply them from the Add or Edit forms.

Choose Detail Fields (required)

☒ Category
 ☒ Gallerynum
 ☒ FirstName
 ☒ LastName
 ☒ Title
 ☒ Medium
 ☒ Price
 ☒ Entry
 ☒ Award
 ☒ Size
 ☒ City
 ☒ St
 ☒ Comments

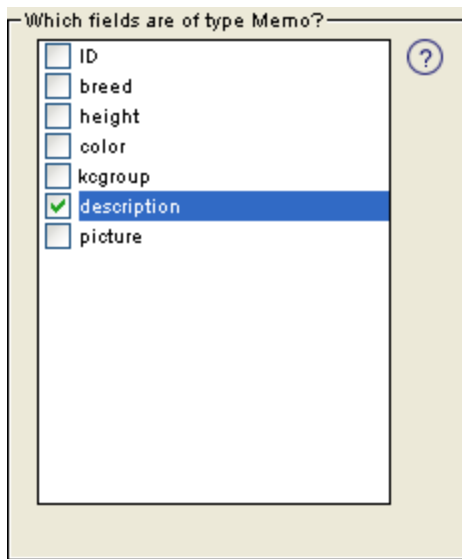
MySQL Fields

You will be choosing which fields will be displayed as either memo or checkbox!

NOTE: MySQL will only show up for the **PHP** version and for the **FULL** version

Choose MySQL Memo Fields

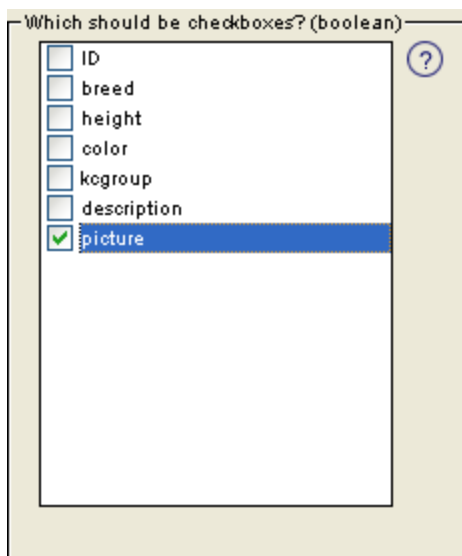
Do this by clicking on the checkboxes of the fields you would like to appear as larger memo type boxes in your forms. You can re-order the fields simply by using the up and down arrows.



A dialog box titled "Which fields are of type Memo?" with a question mark icon in the top right corner. It contains a list of database fields: ID, breed, height, color, kcgroupp, description, and picture. Each field has a checkbox to its left. The "description" field is selected, indicated by a green checkmark in its checkbox and a blue highlight behind the text. The "ID" field is also highlighted in blue, likely as the first item in the list.

Choose Checkbox Fields

Choose the fields in the same way as above. The fields in your database need to be of the type numeric to support this functionality. Those fields chosen will then be displayed on the Add Form, Edit Detail, and Search Forms as checkboxes. This feature makes it very nice for the end user to either select or deselect items on the page.

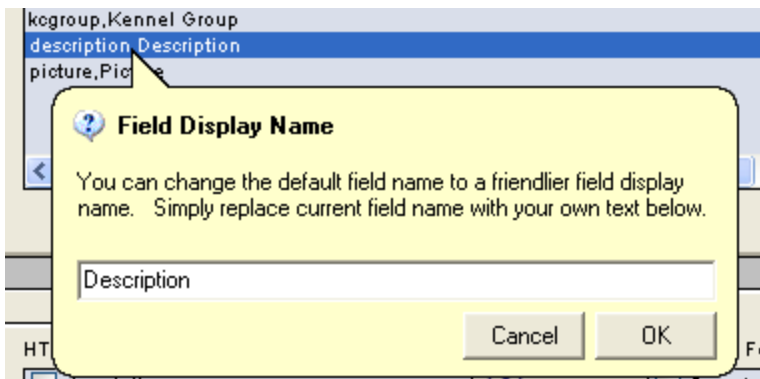


A dialog box titled "Which should be checkboxes? (boolean)" with a question mark icon in the top right corner. It contains the same list of database fields as the previous dialog: ID, breed, height, color, kcgroupp, description, and picture. Each field has a checkbox to its left. The "picture" field is selected, indicated by a green checkmark in its checkbox and a blue highlight behind the text. The "ID" field is also highlighted in blue, likely as the first item in the list.

- [Field Labels](#)
- [Field Tooltips](#)
- [Date / Currency Fields](#)
- [HTML Area / 2 Column Formatting](#)

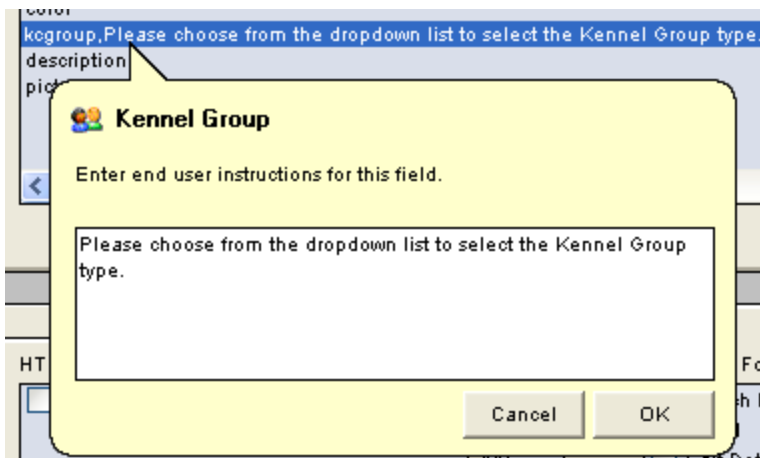
Choose Field Labels:

The field names used by the database are often short and cryptic so you can customize what you would like to be displayed as the field name here. Click on any field name and enter the text you would like to be used as its label.

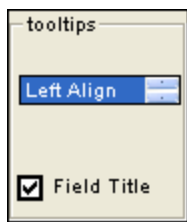


Choose Tooltips:

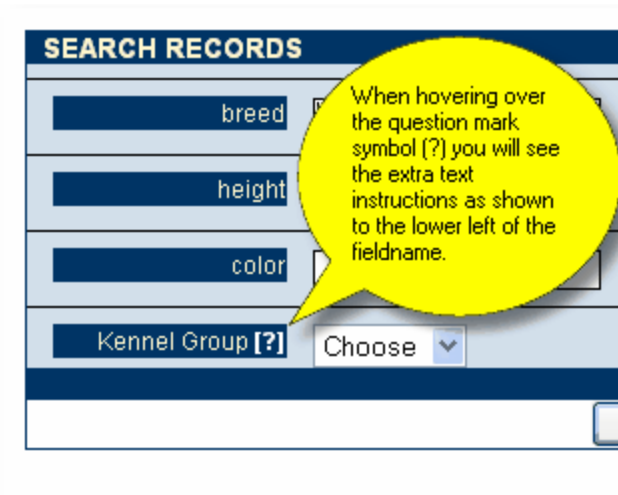
Tooltips are little windows with special instructions that will open to the end user when they hover over the fieldname. This is useful if the title you give your fieldname is not descriptive enough and you need to impart some more detailed instructions on how to fill out the field. By default the instructions you type will be used on the both the add form and the edit detail form. Because the search form will usually involve a different set of instructions for the end user you can simple choose this additional formatting by selecting **"Tooltips add/edit"** or **"Tooltips search"**.



You have the option of the tooltip alignment in relation to the field name on the page as shown below. The chosen setting below will cause the tooltip to hover just to the left of the field label. The checkbox for the "Field Title" will include the Field Title at the top of the tooltip. You can see the result in the image just below the setting.

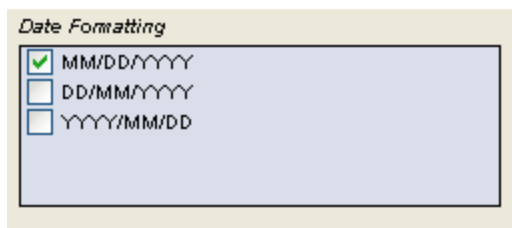


This is a screen capture of a generated page using the tooltip with the Left Alignment and the Field Title. To trigger the tooltip on the generated page the end user will hover over the question mark symbol next to the Field Title causing the tooltip to display.



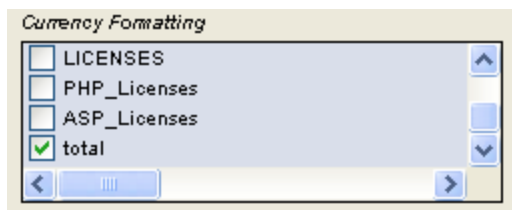
Choose Date Format:

By default the date format is "MM/DD/YYYY" but you can change how this is displayed.



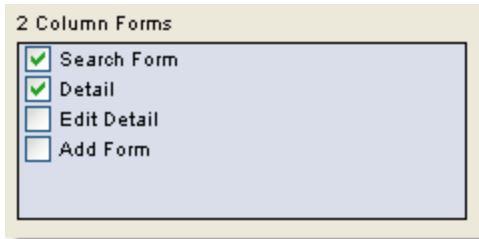
Choose Currency Formatting:

All numeric fields that have been chosen for either the search form or detail pages will show up as candidates for currency formatting. If you wish to format one of these available numeric fields then simply check the fieldname. The formatting will show up with 2 decimal format and currency symbol.



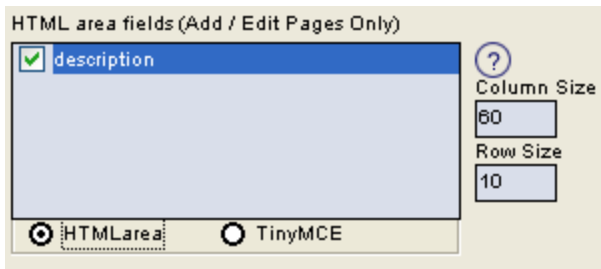
Choose 2 Column Format:

By default ASaP will display fields on the pages using 1 column with the exception of the search results page. You can choose which pages you would like to display the information in 2 columns here to conserve real estate on your pages.



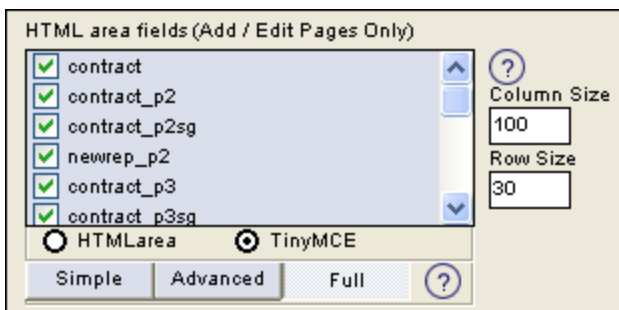
Choose HTML area fields

This will be available for memo type fields only. You can now choose which memo fields you would like to have HTML type formatting. This includes the ability to markup text as bold, italic, choose fonts, colors, bulleted items, horizontal rules, tables, center text, include images and hyperlinks.



We have also recently added the option to use the more popular **tinyMCE** HTMLarea script. If you choose **tinyMCE** as your HTMLarea script then you will need to upload the entire **tinyMCE** folder to your website to make it available to the generated ASaP pages. There will be a place on the Generate Screen within ASaP to locate and mark where the tinyMCE folder is located in relation to your generated pages so that the pages can take advantage of the script. As you can see below there are additional options when you choose the tinyMCE script. The options are Simple, Advanced, & Full depending on the needs of your HTMLarea within the ASaP pages. You can find out more about the tinyMCE htmlarea option by clicking here.... [TinyMCE Website](#).

- **Simple allows for simple markup (bold, italics, bulleted lists)**
- **Advanced provides (bold, italics, bulleted lists, font size, font type, font color)**
- **Full provides (bold, italics, bulleted lists, MS Word cleanup, font size, font type, font color, image support, table support)**



Below is an example of a generated page using HTML area formatting. A field that might otherwise have been a simple text box now has the ability to format text and graphics as HTML.

Arial1 (8 pt)B I U

Some of the HTML area features below:

Verdana 10pt,
Times Roman 14pt,
Arial 12 pt Bold Green,
Horizontal Rule:



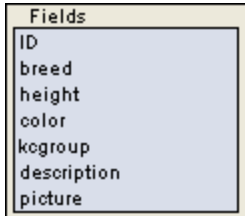
links: <http://www.data-asap.com>

Advanced Options

Create your own expressions which will build an advanced query, using SQL commands. This will affect the search results page to narrow down a search to a specific criteria. This will narrow the search for all searches performed so keep this in mind.

Choose Query Fields

Click on the field of your choice in the list of fields.



Choose Operators

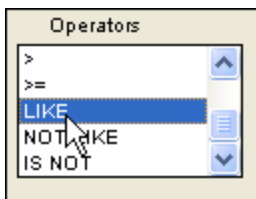
Choose the operator desired for your expression. The different operators are explained below.

Numeric fields use the following operators

- = means that the search field is the same or equal to what is entered by the user
- <> means that the search field is not the same or equal to what is entered by the user
- < means that the search field is less than what is entered by the user
- <= means that the search field is less than or equal to what is entered by the user
- > means that the search field is greater than what is entered by the user
- >= means that the search field is greater than or equal to what is entered by the user

Text fields use the following operators

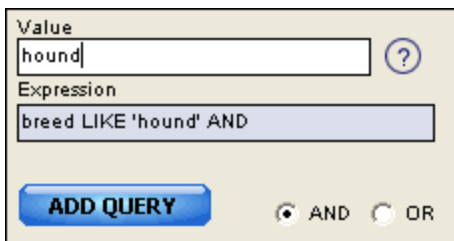
- LIKE means that the search field is LIKE what is entered by the user
- NOT LIKE means that the search field is NOT LIKE what is entered by the user
- IS NOT means that the search field IS NOT what is entered by the user



Enter value

Enter the value you want the contents of the field to be compared with.

For example: if you were wanting only dogs of type **hound** to show up on your Search Results (aka report) page you would enter **hound** here.



You will see the expression you have formulated appear in the Expression box. Click "**Add Query**" to add it to the list of expressions that will be added to your advanced query and you will then see it in the list of advanced queries.

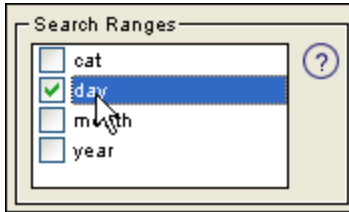
| Query List |
|------------------------|
| breed LIKE 'hound' AND |

NOTE: You can add as many expressions as you like to your advanced query. ASaP! tries to help while you are building your expressions by using apostrophes to surround the value you enter if the field is of type text. This is something that is required from the SQL language.

Search Ranges:

Specify which fields you'd like to be used on the Search Form allowing the user to specify both a minimum and maximum value to be used in the search.

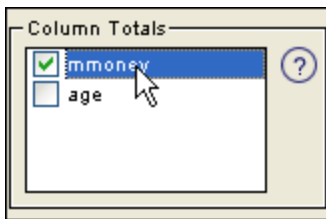
NOTE: only those fields that were chosen on the search form and are of type numeric or date will show up as possible search ranges. If the search range box is empty then there were no numeric or date type fields chosen for the search form.

A dialog box titled "Search Ranges" with a question mark icon. It contains a list of fields: "cat", "day", "month", and "year". Each field has a checkbox to its left. The "day" checkbox is checked, and a mouse cursor is pointing at it.

Column Totals:

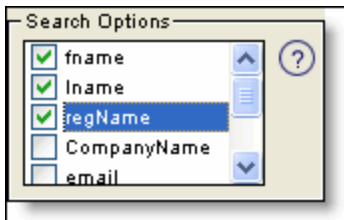
Specify which fields you'd like to appear with totals at the bottom of the Search Results (aka Report) page.

NOTE: only those fields that are numeric type and have been selected on the search results page will show up as possible column totals. If the column total box is empty then there were no numeric type fields chosen for the search results page.

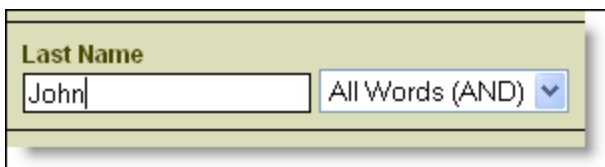
A dialog box titled "Column Totals" with a question mark icon. It contains a list of fields: "imoney" and "age". Each field has a checkbox to its left. The "imoney" checkbox is checked, and a mouse cursor is pointing at it.

Search Options:

Chosen fields selected for the search form can have options to allow for search's based on "ANY WORD" , "ALL WORDS" , or "EXACT PHRASE" .

A dialog box titled "Search Options" with a question mark icon. It contains a list of fields: "fname", "lname", "regName", "CompanyName", and "email". Each field has a checkbox to its left. The "fname", "lname", and "regName" checkboxes are checked. To the right of the list are three buttons: an up arrow, a list icon, and a down arrow.

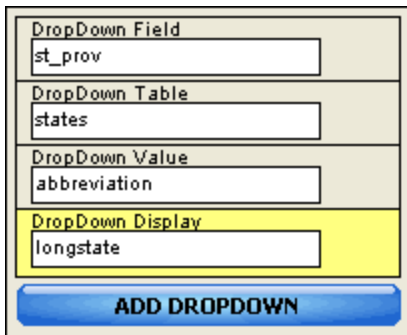
By default ASaP will search for words that are LIKE the one the user has entered. For example when the user puts John then they will also get results that have the word John in them like Johnston. By using the Search Options selection for the same field the user will have the ability to choose from "EXACT PHRASE" which will yield only results with the word John in them. The "ALL WORDS" option has the unique capability to search for several words that you type in separated by a space. For example if you were to type John and then Jones you would get search results for John, Johnston, Jones.

A snippet of a search form. It has a label "Last Name" in bold. Below it is a text input field containing the text "John". To the right of the input field is a dropdown menu with the text "All Words (AND)" and a downward arrow.

Drop Down Lists

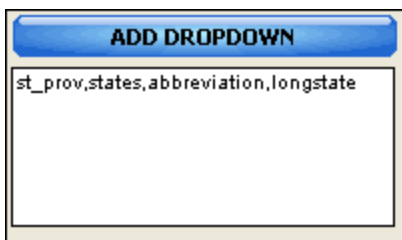
These are optional. You can choose to have dynamic dropdown menus on your generated pages.

For example: You are designing an input form and you need users to specify which State or Province they are from. Your current table, employees, holds the personnel information and you want to let the user choose from a list of available states in another table **states** that you've already set up to contain the state/province abbreviations. You simply click on the list of fields to begin adding fields to the dropdown builder:



1. Select which field you'd like to appear as a drop down list on the generated pages.
2. Choose the table containing the data you'd like to appear in your drop down box. Continuing with the example from above, you would choose **states**, the table containing the names of each state, and their abbreviations.
3. Choose the name of the field in the "linked" table you specified above that contains the data you actually want to be stored in your table. In the case of our example, this would be the states **abbreviation** since you only want the state abbreviations stored in the employees table.
4. Choose the name of the field in the "linked" table you specified above that contains the data you want displayed from the linked table. In the example above we chose to store the abbreviation in the first table but when that data actually gets displayed it will associate the abbreviation with the actual state name.

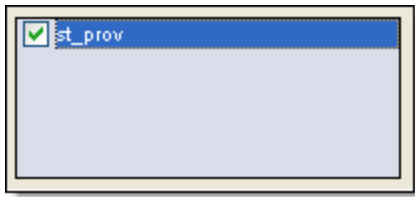
At this time because you have supplied all the information required to add a drop down field, click the **ADD DROPDOWN** button.



If you change your mind, you can make the field no longer of type drop down list, by simply clicking on the appropriate line in the list of drop down fields. The order in which you add these dropdown field specifications does not matter.

Jump Menus

These are a list of category links that will show up on the Menu page to allow you to jump to the search results page and narrow the search to items from a specific category. The categories will be pulled from the chosen dropdown menus. You can choose which dropdown menu choices you would like to use as a category list by selecting the checkbox for that fieldname. From our example above where we have a dropdown menu of available state/provinces we can now choose to have this list of state/provinces show up in a bulleted list on the Menu Page. People can then quickly just to the search results page narrowing their search to a specific state/province in this example.



Chained DropDown Menus

These DropDown Menu Types are ideal for situations where the selection from one dropdown will narrow the search for another dropdown menu. An example of this is a page that has a dropdown menu for Countries, States-Provinces, and Cities. When you choose a Country then it will narrow the list of States-Provinces in this dropdown menu. Next when you choose a State-Province then this will narrow the list of Cities.

In order to use this feature you will be selecting pairs of dropdown menus that you would like to chain together. If you require say three chained menus like the example above then you would first choose the Country / State-Province pair and then State-Province / City pair.

In order to build a Chained DropDown Menus you will first need to build the normal DropDown on the DropDowns tab and then once you have created all DropDowns then click on the Chained DropDowns tab to build Chained DropDown Menu pairs.

When you begin by selecting the first item to add as a chained dropdown menu you will be asked if this is the Parent or Child. In our example above the country field is the Parent as State/Provinces will become the children to the Country.

Drop Down List

Parent:

Child:

Dropdown Options

You must decide if this is the Parent Chained DropDown or Child Chained DropDown.

When you are ready to begin building your Chained DropDown Menu pairs you will first choose the Parent field from your table followed by the Child field. The final step will require that you choose a field from the Child DropDown Menus table that relates back to the Parent DropDown Menus table. An example of this would be in the instance of Countries you might have a field in the countries table named countryCODE that contains text values such as US for United States, FR for France, MX for Mexico, CA for Canada. Now in the State-Province table you will need to select a field that contains this same type of information so that the Country DropDown can talk to the State-Province DropDown.

Parent:

Child:

ID
abbreviation
longstate
countryCODE
countryCODE

Choose field in Child Table that relates back to Parent Table.

Once you have filled in the 3 required fields then click on the Add Chained DropDown button.

ADD CHAINED DROPDOWN

Chained DropDown Menus

country,st_prov,countryCODE
st_prov,city,provCODE

Relational Pages

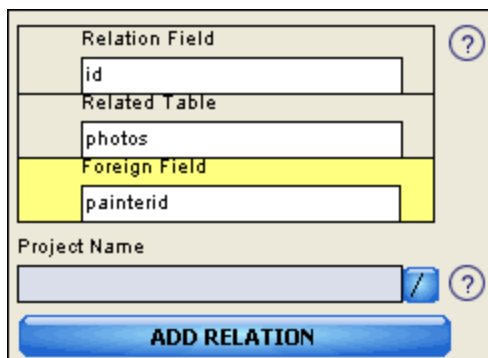
In this version of ASaP relations are handled by generating a separate set of Project Pages for each related tables information. Example: The Initial Project Pages displays the table that lists famous painters and their biographies and the second set of Project Pages displays related information about the table that lists what paintings each has done.

- **Claude Monet**
- **Henry Matisse**
- **Leonardo Da Vinci**
- **Michelangelo**
- **Norman Rockwell**
- **Pablo Picasso**

You can skip this page in ASaP if you have no need to relate tables.

REMEMBER: If you choose to have relations between tables, you will need to go back and create additional projects for each of the other tables. This is because the relative fields will be generated with hyperlinks expecting to link to relative information in the other set of generated pages. Make sure when creating the pages for the other table you **MUST** supply the common field between the two tables on the **SEARCH FORM**.

On the Relations screen, first, select the name of the field in your table that you want to relate with another table. This will then get added to the Relations Builder.



The Relations Builder dialog box contains the following fields and controls:

- Relation Field:** A text field containing "id".
- Related Table:** A text field containing "photos".
- Foreign Field:** A text field containing "painterid".
- Project Name:** A text field with a blue button containing a question mark to its right.
- ADD RELATION:** A blue button at the bottom.

Next select the name of the "foreign" table from the list or if you have already created a project for the related table then you can load the project name with the load button to the right of the Related Table or Project Name textfield.

From the third list that appears, choose the name of the "foreign" field. This field should somehow relate to (contain the same kind of information as) the field in the table you're currently building a project for, the field you selected in the first list.

Click the "Add Relation" button to add this relation to your list of relations for this table. The list of relations will appear in the lower right corner of the Relations screen. On your generated detail page, each of these relations will appear in the form of a hyperlink at the bottom, allowing the person browsing the Web page to immediately search for records containing the same information in other, related tables.



The Relations screen displays the following:

- ADD RELATION:** A blue button at the top.
- id,photos,painterid:** A text field containing the list of relations.

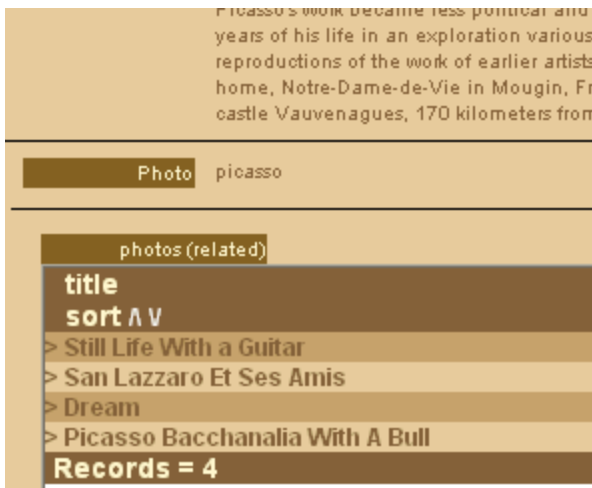
You can remove a relation by clicking on it in the list of relations. If you need to reorder your relations, you can delete those which you want to appear later in the list and re-add them later.

you can view the related table information in what's called an "iframe" (inline frame). This makes it possible to pull the related table information into the same page so that it can be viewed along with the current information. ASaP now defaults to putting your related information into the iframe and the default size is 100% of the form width and 400 pixels high. You can change these dimensions to better suit your needs. When the user clicks on a record from the iframe then the detail information will open into a popup window. You can define the dimensions of the popup window under the PopUp Properties as shown below.

Iframe Option

The screenshot shows a dialog box titled "Related Display Preference". It contains two input fields: "Width" with the value "100%" and "Height" with the value "400". Below these fields is a label "Iframe Properties". To the right of the fields are two radio buttons: "Iframe" (which is selected) and "Link". A question mark icon is located above the radio buttons.

An example of an iframe is displayed below where the artist's biography page displays the individual paintings from the related table on the same page. In this example the painting titles have links then that show the details of the paintings along with a small image. This information is displayed in a popup window when you click on one of the titles.



Link Option

If you wish to have the related information simply show up in a new window then choose the link option instead. By default ASaP will use the _blank target which opens a new window but you can change this to be the name of a frameset if you wish.

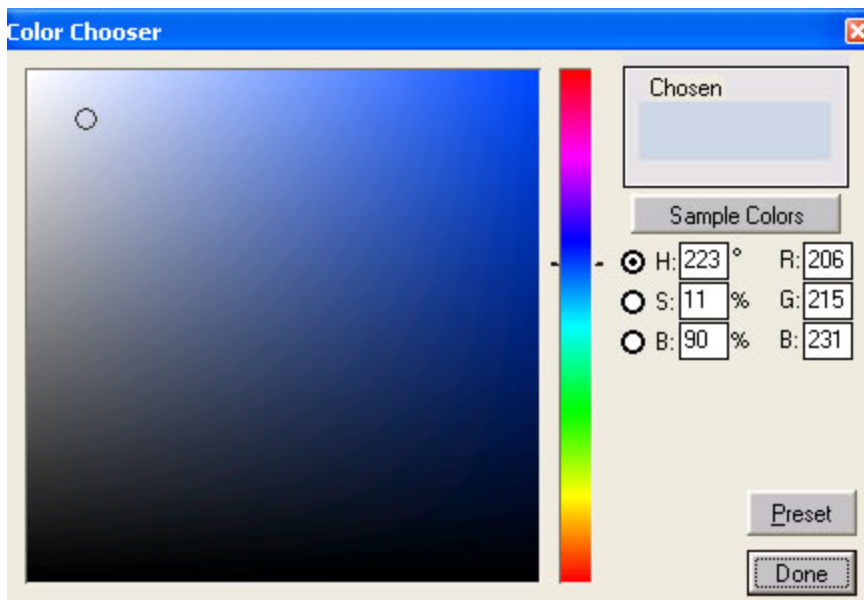
The screenshot shows a dialog box titled "Related Display Preference". It contains a "Target" input field with the value "_blank". To the right of the field are two radio buttons: "Iframe" and "Link" (which is selected). A question mark icon is located above the radio buttons.

Design - Color Layout

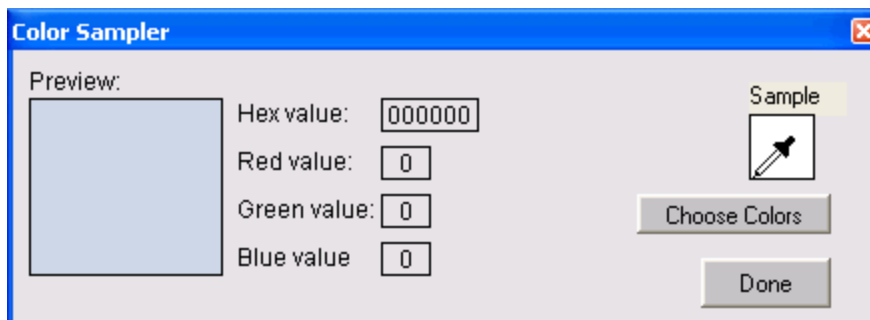
Customize your pages with color, styles and more. Below is an example of the Search Results Page tab. Areas you can customize include the **page background**, **text** and **hyperlinks**, the **Page Menu background**, **text**, **buttons**, **button rollovers**, **hyperlinks** and **hyperlink rollovers**, **data row alternating color scheme**, **overall page width** and **records per page**.

The screenshot shows a customization window for the Search Results Page. It has two tabs: "Menu Hyperlinks" and "Hyperlink Hover", with the latter selected. Below the tabs are two sections: "Page Text" and "Page Hyperlinks". Under "Page Text", there is a table with two rows and two columns. The first row has "datalink" and "datalink hover" in a light green box. The second row has "datalink" and "datalink hover" in a dark green box. At the bottom, there are two radio buttons for "Results Page Width": one for percentage (selected) and one for pixels. A text box next to the percentage button contains "100". To the right, there is a "Records / Page" label and a text box containing "10".

Choose colors by clicking on an area on the sample Web page (seen above) and select the desired color from the Color Chooser.



If you'd like to sample a color that's already on your screen somewhere (even in a different application), click "Sample Colors". The "Color Sampler" window will appear.



Click the icon that looks like an eye dropper and hold the mouse button down. With the button still down, drag your mouse around on the screen until you see the desired color appear in the "Preview" box. To return to the "Color Chooser" click "Choose Colors". Or, if you are finished selecting colors for now, click "Done".

You can pre-select from color themes and change the font size of the pages. The Shared Styles option is If you are working with more than one project and you want to maintain color consistency between projects, you can load colors from a previously saved ASaP! project file. The color choices will be pulled from the project file of your choice. Click the forward slash to the right of the "Shared Styles" text box to select any ASaP! project file containing the desired colors for your current project.

The screenshot shows the ASaP! application interface. On the left, there are two scrollable lists: "Menu Type" with options "Tabs" and "Menu Bar", and "Font Size" with options "Medium" and "Large". Both lists are labeled "SCROLL AND CLICK". On the right, there is a "Color Themes" section with a "Standard" tab selected and a "Custom" tab. Below the tabs is a list of color themes: "Camouflage", "Silver Lining Business", "Autumn Business", "Rose Business", "Cool Autumn", "Royal Blue and Gold", and "Camouflage". The "Camouflage" theme is currently selected. Below the color themes, there is a "Results Data...." section with two buttons: "Columns" and "Rows".

Results Data

The Columns Option will display records in a spreadsheet type fashion like below:

| breed | height | kcgroup |
|---------------------|-------------------|---------|
| Basset Hound | approx 33 - 38 cm | Hound |
| Airedale Terrier | 58 - 61 cm | Terrier |
| Afghan Hound | 68 - 73 cm | Hound |
| German Shepherd Dog | approx 62.5 cm | Working |
| Beagle | 33 - 40 cm | Hound |
| Bearded Collie | 53 - 56 cm | Working |
| Border Terrier | not specified | Terrier |
| Boxer | 56 - 63 cm | Working |
| Bull Terrier | not specified | Terrier |

The Rows Option will display records with the data of each field on its own line. This option also provides the ability to place a thumbnail next to the record.

Search Results

breed: Basset Hound

color: Generally tricoloured (black, tan and white) or lemon and white.

kcgroup: Hound

[See Details](#)



breed: Airedale Terrier

color: Body, top surface of neck and tail are black. All other parts tan.

kcgroup: Terrier

[See Details](#)



breed: Afghan Hound

color: Any color

kcgroup: Hound

[See Details](#)



breed: German Shepherd Dog

color: Most colours are permissible. Rich colours are preferred. White is undesirable.

kcgroup: Working



Design Detail Page

The detail page can be customized as well. Color choices here will be reflected on the Add and Edit forms as well as the Detail Page.

The screenshot shows a report design interface. At the top, there is a dark green header bar. Below it, a table with two rows is displayed. The first row has a dark green cell containing the text 'fname' and a light gray cell containing the text 'Abraham'. The second row has a dark green cell containing the text 'lname' and a light gray cell containing the text 'Lincoln'. Below the table, there is a section for configuring the report page width. It includes a text input field containing the number '650', followed by two radio buttons. The first radio button is selected and is accompanied by a '%' symbol. The second radio button is unselected and is accompanied by a 'px' symbol. To the right of these options, the text 'Report Page Width' is displayed.

| Report Data | |
|-------------|---------|
| fname | Abraham |
| lname | Lincoln |

650 ☒ % ☐ px Report Page Width

Design Options

Greeting, Company Name, Home: Enter any remarks you would like to appear on your opening page, the name of your company and the Web address you would like have the HOME button link to, here. Note, if you check "Omit Default Header" there is no need to supply a Web address here since the HOME button only appears in the Default Header. For more information, see below.

Header and Footer:

| | | | |
|--------|----------------------|---|--|
| Header | <input type="text"/> |  | <input type="checkbox"/> Omit Default Header |
| Footer | <input type="text"/> |  | |

This is optional. Choose any htm or html file you would like to have included at the top or bottom of each of your pages, by clicking the forward slash symbol to the right of the Header and Footer text boxes, respectively. Your files will be left intact, and only be used to generate additional personal header and footer files.

Note: Any images used in your header or footer files will need to be copied to the appropriate subfolder. ASaP! does not ensure that all the images are present.

Background:A form with a label 'Background' on the left. To its right is a large, empty rectangular text input field. Below the input field is a checkbox followed by the text 'No Repeat'.

If you have an image you'd like to appear in the background of each page, enter the file name here.

Note: This file needs to be placed manually into the same folder you are having your generated pages saved to.

Check "**No Repeat**" if you don't want the background to repeat. This is a handy feature making it possible to have an image in the background without having it repeat over and over on the page.

Templates:A form with a label 'Template File' on the left. To its right is a text input field containing the file path 'C:\Program Files\San Diego Web Partners\painter\trial_frame.htm'. To the right of the input field is a blue button with a white slash '/' symbol.

This optional feature allows for you to pull in a look you've created with the software of your choice. ASaP! generates pages using this page as a "template".

[Click here for more details.](#)

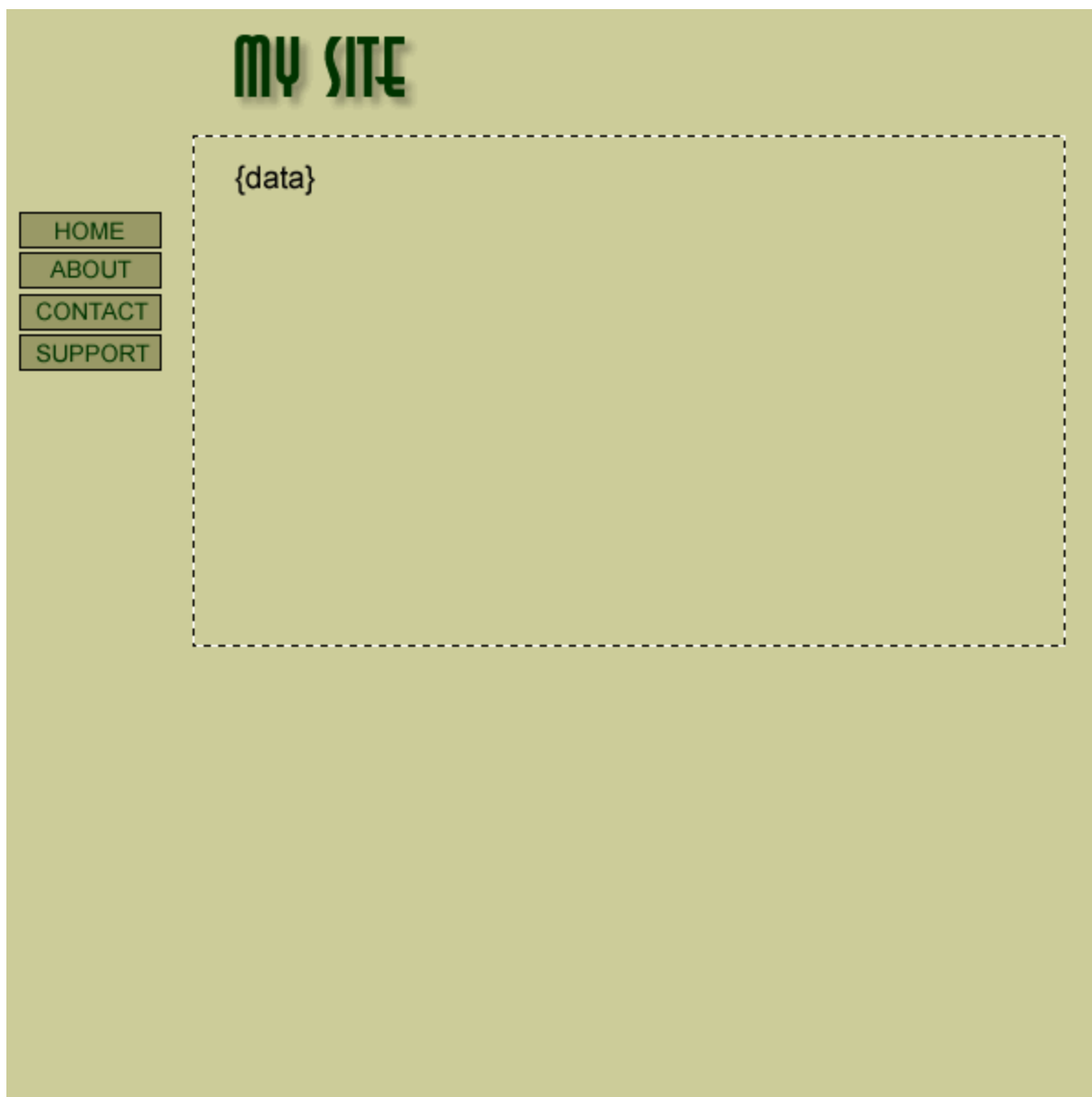
Templates

You will have the option of choosing your own look!

Now in version 3.0 we've added the ability for you to design your own look using your favorite Web Page Design Tool. Once you've created the look then we'll add the data. Simply add **{data}** in your page wherever you would like the data to appear. Use this special tag only once on your template and ASaP will generate the necessary code using your template. Keep in mind the area in your template that you will be generating the data into so that the page retains its overall look and feel. The example below has a dotted line which represents say a table or layer that you would be placing the {data} tag.

For this example the table or layer with the data tag is approximately 400 pixels. When in ASaP and on the Design page you should specify 100% width for the Detail Page and Results Page. ASaP defaults to having the Detail page be 650 pixels but this would distort the below example so again it is important to keep in mind the layout of your template and in this case set the Detail width in ASaP to 100%.

example template:



example after generated with ASaP:

MY SITE

[HOME](#)[ABOUT](#)[CONTACT](#)[SUPPORT](#)

HOME / LOGOUTSEARCH/EDITADD

| Breed | Kennel Group |
|---------------------|--------------|
| Λ V | Λ V |
| > Afghan Hound | Hound |
| > Airedale Terriers | Terrier |
| > Basset Hound | Hound |
| > Beagle | Hound |
| > Bearded Collie | Working |
| > Border Terrier | Terrier |
| > Boxer | Working |
| > Bull Terrier | Terrier |
| > Bulldog | Utility |
| > Cocker Spaniel | Gundog |

Records = 31

NEXT

1234

Image Options

Images

You can choose to have an image displayed on the detail page along with the associated information. Simply click on the field that you will be pulling the image names from. You must include your images in an images subfolder where you will be uploading the **ASaP!** files. You can name the subfolder anything that you wish. The program will expect them in this location for uploading.

The Forced Width and Forced Height options allow you to make the images display nicely within the detail page. You can then choose the "popup" option so that the full size can be seen by the viewer when they click on the image. You also have the option of displaying the image below the detail record.

Additional options allow you to specify the type of file extension, image prefix and suffix. For example if your images names were being pulled from an autonumber field but the actual images themselves incorporated a suffix: ie (1, 2, 3 would become 1_large.jpg, 2_large.jpg, 3_large.jpg).

| | | |
|--------------------------|----------------------|---|
| ID | ? Pictures | |
| Category | <input type="text"/> | Width <input type="text"/> |
| Gallernum | <input type="text"/> | Height <input type="text"/> |
| FirstName | <input type="text"/> | |
| Gallernum | <input type="text"/> | <input type="text"/> .jpg <input checked="" type="checkbox"/> ext |
| ../gallery/current_showw | Subfolder | |
| july08_ | Prefix | |
| | Suffix | |

Thumbnails

You can choose to have a thumbnail displayed on the search results page and or Detail Page along with the associated information. Simply click on the field that you will be pulling the thumbnail names from. You must include your images in a thumbnails subfolder where you will be uploading the **ASaP!** files. You can name the folder anything you wish. The program will expect them in this location for uploading.

The **"Results Thumbnail"** option or **"Detail Thumbnail"** option must be checked in order to have your thumbnails display. The **"Popup"** option will allow for both the Detail and Search Results Pages to display the full size of the image when clicking on it.

| | | | |
|--|--------------------------------------|--|--------------------------------|
| <input checked="" type="checkbox"/> Detail Thumbnail | <input type="checkbox"/> Page Bottom | <input checked="" type="checkbox"/> Search Results Thumbnail | <input type="checkbox"/> Popup |
|--|--------------------------------------|--|--------------------------------|

Additional options allow you to specify the type of file extension, image prefix and suffix. For example if your thumbnail names were being pulled from an autonumber field but the actual images themselves incorporated a suffix: ie (1, 2, 3 would become 1_small.jpg, 2_small.jpg, 3_small.jpg).

| | | |
|--------------------------|----------------------|---|
| ID | ? Thumbnails | |
| Category | <input type="text"/> | |
| Gallernum | <input type="text"/> | |
| FirstName | <input type="text"/> | |
| Gallernum | <input type="text"/> | <input type="text"/> .jpg <input checked="" type="checkbox"/> ext |
| ../gallery/current_showw | Subfolder | |
| july08_ | Prefix | |
| _small | Suffix | |

Hyperlink Options

If one of the fields in your table contain URLs to Web pages or email addresses, indicate which field in your table contains the link by clicking on the name of the field in the list.

Choose Hyperlink Field (optional)

Gallerynum
FirstName
LastName
Title
Title

☒ Hyperlink
☐ Popup Hyperlink
☐ Email link

Hyperlink Display Text
Click Me
Prepend Hyperlink (Base URL)
Title

Browse...

Normally, the hyperlink will appear on the page as it actually appears when typed, for example it will contain the http: , the slashes, the www and so on. If you prefer, some alternate text can be displayed instead. Enter it in the field under "Hyperlink Display Text."

If the hyperlink is not an email link and you want the Web page that is referred to via this link to appear in a popup window, check the "Popup Window" box.

If you are using email addresses instead of Web page links, check the "Email Address" box.

Note that in either case, either all of the links are to Web pages or all of the links are to Email addresses.

Shopping Cart

This feature is only available in the ShopCart Edition :

This feature will allow you turn your existing table of data into an online shopping cart. End users can choose from items in the search results page and specify the quantities they desire for several items at a time. The items are then added to the shopping cart where the user can update the quantities or decide to checkout. The results of the order are then sent to an email address of your choice to complete the order.

Shopcart Options

☒ ProductID

☒ ProductName

☐ SupplierID

☐ CategoryID

☒ QuantityPerUnit

☒ UnitPrice

☐ UnitsInStock

Shopcart Fields

UnitPrice

UnitsInStock

UnitsOnOrder

ReorderLevel

loginID

Choose Price Field

UnitPrice

?

☒ Multiple Qty

☐ Single Qty

me@yahoo.com

Email To:

me@yahoo.com

Email From:Email CC:Email BCC:

Login Options

(Not available for PE Version) Here you will define whether you require login capability for your database and which pages you would like login necessary.

1) First decide which pages you would like password protection for by clicking on the checkboxes:

- ☐ **View**
- ☐ **Add**
- ☐ **Modify**
- ☐ **Delete**

| ID | username | password |
|----|----------|----------|
| 1 | admin | pass123 |

2) Next enter the Administrators login information:

- ☐ **username**
- ☐ **password**

A new set of Administration Pages will be generated along with your table pages which will allow you to remotely administer the database by adding new users and passwords along with privileges which will allow those users rights to modify pages. The privileges are as follows:

- ☐ **View = privilege 1**
- ☐ **Modify = privilege 2**
- ☐ **Add = privilege 3**
- ☐ **Delete = privilege 4**
- ☐ **Administration = privilege 5**

3) Now with **Individual Login** feature! When checked this will allow you to administer restrictions on users based on the table logged into. In addition you can further restrict users so that they can view and edit only their own records.

Click Next when you are satisfied with your selections for this page.

Generating Files

1. First select the folder where you would like to generate your files. If you will be using IIS (Internet Information Manager) then you will want to generate your files in the wwwroot folder where your IIS directory resides.



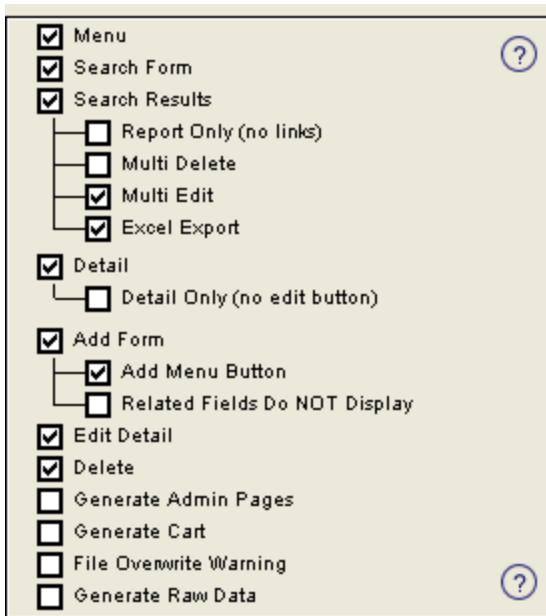
Select Generating Location (required)

CHOOSE FOLDER

Generate Location

d:\inetpub\wwwroot\sdai\administration\gallery

2. Choose the pages you would like to generate and any options:

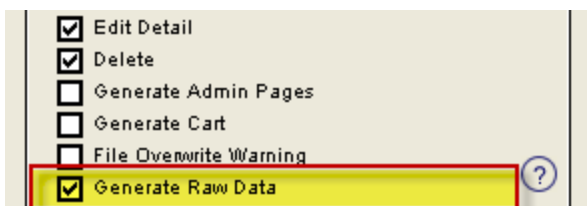


- ☒ Menu
- ☒ Search Form
- ☒ Search Results
 - ☐ Report Only (no links)
 - ☐ Multi Delete
 - ☒ Multi Edit
 - ☒ Excel Export
- ☒ Detail
 - ☐ Detail Only (no edit button)
- ☒ Add Form
 - ☒ Add Menu Button
 - ☐ Related Fields Do NOT Display
- ☒ Edit Detail
- ☒ Delete
- ☐ Generate Admin Pages
- ☐ Generate Cart
- ☐ File Overwrite Warning
- ☐ Generate Raw Data

Note: If you are wishing to preview your Web pages locally (before uploading them to a server), you will need to install IIS (Internet Information Server).

In this case, your generated files can be in a subfolder of your choice but the subfolder must be contained by the folder that the Internet Information Manager uses. Typically this folder is C:\inetpub\wwwroot on Windows NT / 2000 / XP systems and either C:\webshare\wwwroot or C:\inetpub\wwwroot on Windows 95, 98 and ME systems.

Now we've introduced the ability to generate pages with minimal styling to make it easier to get in and custom tailor the pages to fit the look of your website. Simply click on the "Generate Raw Data" checkbox to take advantage of this feature.



- ☒ Edit Detail
- ☒ Delete
- ☐ Generate Admin Pages
- ☐ Generate Cart
- ☐ File Overwrite Warning
- ☒ Generate Raw Data

Below you will see an example to give you a better idea of a search results page using the raw data feature.

| FNAME | LNAME |
|------------------------|-----------|
| Bill | Bob |
| Monte | Dority |
| Linda | Jones |
| Bill | Jones |
| June | Lockheart |
| Minnie | Mouse |
| Mickey | Mouse |
| Porky | Pig |
| Johnny | Rocket |
| Bob | Simpson |
| Records = 11 | |

HTMLarea Users:

If you have chosen to use the new tinyMCE htmlarea option then you will need to locate the path to the tinymce folder so that ASaP will know the relative path to the tinyMCE sources files.



Click Next when you are satisfied with your selections for this page.

See "[DSN](#)" for more information on DSNs.

FTP

You can upload your generated pages directly to your ISP! ASaP allows you to upload your files to the Internet in an effort to help you avoid some of the file management issues that are often involved. Supply your server, server folder, subfolder, username, and password.

The 'Server Setup' dialog box contains the following fields:

- Server: www.myserver.com
- Server folder: rootweb
- Subfolder: pages
- User: webmaster
- Password: myPassword

Once this information is complete you can either click on the **auto upload** button which will automatically upload the pages or in the event you just need to upload single files then you can click on the **logon** button.

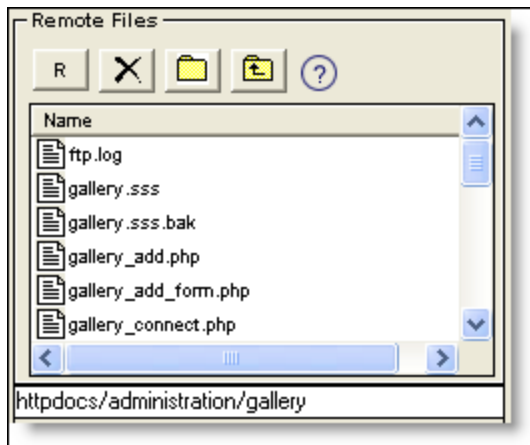


You will be asked questions along the way regarding the upload process:

- ☐ **Do you want to upload your generated pages?**
- ☐ **Do you want to upload your HTML area files**
- ☐ **Do you want to upload your database (only necessary for Microsoft Access)**
- ☐ **Do you want to upload your images**
- ☐ **Do you want to upload your thumbnails**

The generated pages will be placed in the subfolder you originally chose when logging in. The HTML area files will be uploaded in a special "htmlarea" subfolder within this folder. Your database will be uploaded to the path that you chose on the database page within ASaP and if no path was chosen then it will be placed at the same level as your generated pages. **Note** : The image files will not be uploaded automatically for you but ASaP will navigate to the remote directory you specified and then prompt you to choose the files that you would like to upload. The thumbnails are handled in the same fashion as the images.

You can upload and download files of your choice as needed. Rename Files, Delete Files, Create New Folders, and Navigate the remote directory structure. As you will see below files and folders are listed in a format you are comfortable with. You can go into any folder simply by double clicking on it.



See "[Generate Files](#)," and "[OPTIONS](#)," for more information.

Click Next when you are satisfied with your selections for this page.

Saving Projects

You can save your work for future changes.

Saving your projects will provide you with a quick way to load a previously saved project, make necessary changes, and regenerate those pages, without having to always select database information, tables, fields, colors, and so on, from scratch.

View Project on the Web (optional)

Here you can specify the base URL for your Web site: For example,
`http://www.sandiegowebpartners.com/myprojectfolder` or (if locally) `http://cx123456-a/myprojectfolder`

This will save you time by taking you directly to the opening Web page for your project.

Note: You do not enter the entire URL including the Web page (like `projectname_menu.asp` or `store.asp`) here. ASaP appends this information for you automatically.

Note that you will need to make a separate project file for each table in your database, even if the pages will be uploaded to the same folder and will be accessing the same database (although different tables within the same database).

Registration

This program is a trial version and will create pages which will only display records. The registered version will create pages that can display, edit, and delete an unlimited number of records. In addition, by registering you will be able to add login security. Finally, we offer limited tech support to all registrants. To register this program click on the **"buy now"** button in the reminder screen or visit our Web site at <http://www.data-asap.com> where you may use a secure online payment method.

Direct correspondence to:

- Michael Hanes at mhanes@sdwp.com
- Roark Dority at rdority@sdwp.com

Quick Start

dogs97.sss dogs2000.sss

Here is a List of steps to help you get started quickly. We have included an example file: To get started first go to the Welcome screen if you are not already there and test to see which server type your Internet Service Provider uses. You can use the tab marked "**Host Test**" to find out. A few pages will be uploaded to your server and will determine if your hosting service provides Active Server Pages (**ASP**) or Hypertext Preprocess Pages (**PHP**).

NOTE: This is only applicable for **ASP** generated pages. If you have the **PHP** version then please [see below](#).

1. Load the **Welcome screen** and copy the dogs project to a destination on your local hard drive.
2. From the **Load Project** Screen, open either the dogs97.sss or dogs2000.sss file. Click on it and then click **NEXT**.
3. The sample database yields a list of dog breeds. The dogs97.sss project uses the **dogs97.mdb** which is compatible with servers that are configured to support **Microsoft Office 97 Access databases** while the dogs2000.sss project uses the **dogs2000.mdb** which is configured to support **Microsoft Office 2000 Access databases**.
4. Click **NEXT** to advance through the screens, studying them to give yourself an idea of the steps that were involved in creating this example.
5. Once at the **Generate Screen** you will generate the pages in the location where you loaded copied the project so that the supporting images will work in relation to the project.
6. After you have generated the files you can then upload them to the remote server, or browse them locally via [IIS or Personal Web Server](#) (advanced users only).

PHP Version Only

1. Load the **Welcome screen** and copy the dogs project to a destination on your local hard drive.
2. Using the "**Load MySQL Data**" tab on the welcome screen locate the **dogs.sql** file that was copied over with the project to the location you chose.
3. Fill out the necessary server information in order to connect to your MySQL database and then click on the "**Load Dogs Data**" button and this will populate your MySQL database with the project data.
4. New in version 3.1.40 you no longer need a DSN to connect to your MySQL database. Simply supply the following information on the database screen:
 - **username**
 - **password**
 - **database name**
 - **server name**
5. Advance to the Load screen and locate the dogsMySQL.sss project file.
- 6.
7. When you click on the next button and are advanced to the Database page then you will need to specify some information specific to your database ie. username, password, database name, and server name to connect to your database whether it is an IP address or HTTP address. (This actually should be filled in already if you have imported the data in step 3 above.
8. When you click on next then if all of the information you entered in step 7 is correct you will then be advanced to the Fields screen as this will confirm that you have successfully connected to your database. You will then see a list of the available tables in your database.
9. The dogs table should already have been selected so you will be able to simply click through the project now and see how things were done to get a feel for the screens in ASaP.
10. Once you have reached the Generate page then choose a folder to generate your files into and click on the Generate button.
11. You will now need to upload your pages to your remote server. You can do this from within ASaP and then finally go and see the fruits of your labor.

If you prefer to practice on your own database follow the steps below:

1Load Project:

The **Load / New Project** screen allows you to load a previously saved project or start a new one from scratch.

If you are starting for the first time then click "New Project". Otherwise you will want to locate your already existing project at this time.

2 Database:

Choose the database from your system. This will allow you to view the structure i.e. tables & columns.

If you are working in a **MySQL** environment you will supply: username, password, database name, and server name.

Click on the **NEXT** button, to connect to your database.

If you are using a simple **Microsoft Access** database, you typically only need to locate the database on your hard drive, leave everything else blank and click **NEXT**.

If you are using a DSN or a SQL Server based database (these require a DSN) be sure you have the DSN (Data Source Name) and IP address (supplied by your ISP) for your database. This information is critical.

Also verify that the user ID and password necessary to gain access to the database (also typically supplied by your ISP), are correct. If you receive the message, "**ERROR: Please check your DSN, database path, user ID and password (if necessary) and try again,**" you may need to contact your ISP to verify that the information is correct.

3Table:

Decide which table you would like to access and which fields to include on the generated pages.

1. Choose your Table.
2. Choose a field which is the Unique Key and whether or not it is of the **Numeric** and / or **Auto Number** type (In most cases ASaP will be able to detect this automatically).

Click **NEXT**.

4 Field Information:

Select the fields to be used on the following generated pages.

Search Fields

A **Search Form** page will be generated allowing your users to search for records using the fields you have chosen.

Report Fields

A **Search Results** (also known as Reports) page will be generated, showing the fields you specify here.

Detail Fields

A **Detail** page will be generated, displaying information in the fields you specify here, for the record which was chosen from the search results page.

5 MySQL:

If you have specified that your database is of type MySQL then you will be given the opportunity to specify which fields in your database you would like to be considered as either of type "memo" or of type "checkbox".

For type "memo" the generated pages will have larger input boxes (typically allowing more than one line of text) on the add and edit pages. Those of type "checkbox" will show up as checkboxes on the generated pages.

Note: For **Microsoft Access** databases, these will be generated for you automatically and this screen will not even appear while you are in ASaP! However, you will need to specify in Microsoft Access which fields are of type memo and which you'd like to be checkboxes (which are of type boolean).

6 DropDowns:

This is optional. You are now able to link to other tables within your database to pull data that can appear in dropdown lists. This is beyond the scope of this quickstart guide.

7 Relations:

This is optional. You can link to relational tables via hyperlink. This is beyond the scope of this quickstart guide.

8 [Design Options:](#)

This entire screen is optional. Select the colors you'd like for your generated pages. Cascading Style Sheets are used so that you may manipulate the styles more easily using any text editor. We've included the ability to add your own personal Header and Footer on the generated pages so that they incorporate into your existing site. You can specify how many records per page to show on the search results page here as well. There are many other options on this screen which are beyond the scope of this quickstart guide.

9 [Additional Options:](#)

Also optional **Picture Fields**. This field will have an image name and path. You can also specify where your images are placed within your site and the dimensions of a typical image.

Also optional, **Hyperlinks**: Here you can specify which field contains either external Web site URLs or e-mail addresses. The default is for hyperlinks so if you will be using e-mail then check this box. You must include a complete URL within the database i.e. <http://www.mywebpage.com>. You can type in alternate text in the box labeled Hyperlink Text. This way the link can show something other than the URL i.e. "Visit The Web Site". Check Pop-up Window if you'd like the external Web site to open in a new window. (This does not apply to email links)

Password Protection: You can "password protect" your generated pages. Additional login pages will be generated. Select which pages you would like to password protect and then supply a username and password for the person who will be maintaining the records in the database.

Note: This can (and probably should) be different from the user name and password used by ASaP! to connect to the database.

10 [Generating Files:](#)

Specify a location on your hard drive where you'd like to have the generated files saved to. Choose which type of pages you'd like generated. ASP pages are generally for servers running Microsoft Operating Systems such as Windows NT, Windows 2000 Server, Windows Xp Server, and so on. PHP pages are generally for servers running Unix or Linux.

Once you click Generate, you will automatically be advanced to the next screen.

11 [File Uploading:](#)

First, supply information about the directory for uploading.

Enter the ftp server name. (for example, <ftp.yourservername.com>)

Enter a Web site subfolder if required by your ISP.

Enter your own subfolder. (This is optional)

Enter your username and password.

Click Upload.

12 [Save Project:](#)

Give your project a name and locate a place to save this file on your local hard drive.

Demo

To begin using the demo follow the steps below:

Here is a List of steps to help you get started quickly. We have included an example file: To get started first go to the Welcome screen if you are not already there and test to see which server type your Internet Service Provider uses. You can use the tab marked "**Host Test**" to find out. A few pages will be uploaded to your server and will determine if your hosting service provides Active Server Pages (**ASP**) or Hypertext Preprocess Pages (**PHP**).

NOTE: This is only applicable for **ASP** generated pages. If you have the **PHP** version then please [see below](#).

1. Load the **Welcome screen** and copy the dogs project to a destination on your local hard drive.
2. From the **Load Project** Screen, open either the dogs97.sss or dogs2000.sss file. Click on it and then click **NEXT**.
3. The sample database yields a list of dog breeds. The dogs97.sss project uses the **dogs97.mdb** which is compatible with servers that are configured to support **Microsoft Office 97 Access databases** while the dogs2000.sss project uses the **dogs2000.mdb** which is configured to support **Microsoft Office 2000 Access databases**.
4. Click **NEXT** to advance through the screens, studying them to give yourself an idea of the steps that were involved in creating this example.
5. Once at the **Generate Screen** you will generate the pages in the location where you loaded copied the project so that the supporting images will work in relation to the project.
6. After you have generated the files you can then upload them to the remote server, or browse them locally via [IIS or Personal Web Server](#) (advanced users only).

PHP Version Only

1. Load the **Welcome screen** and copy the dogs project to a destination on your local hard drive.
2. Using the "**Load MySQL Data**" tab on the welcome screen locate the **dogs.sql** file that was copied over with the project to the location you chose.
3. Fill out the necessary server information in order to connect to your MySQL database and then click on the "**Load Dogs Data**" button and this will populate your MySQL database with the project data.
4. New in version 3.1.40 you no longer need a DSN to connect to your MySQL database. Simply supply the following information on the database screen:
 - **username**
 - **password**
 - **database name**
 - **server name**
5. Advance to the Load screen and locate the dogsMySQL.sss project file.
6. When you click on the next button and are advanced to the Database page then you will need to specify some information specific to your database ie. username, password, database name, and server name to connect to your database whether it is an IP address or HTTP address. (This actually should be filled in already if you have imported the data in step 3 above.
7. When you click on next then if all of the information you entered in step 7 is correct you will then be advanced to the Fields screen as this will confirm that you have successfully connected to your database. You will then see a list of the available tables in your database.
8. The dogs table should already have been selected so you will be able to simply click through the project now and see how things were done to get a feel for the screens in ASaP.
9. Once you have reached the Generate page then choose a folder to generate your files into and click on the Generate button.
10. You will now need to upload your pages to your remote server. You can do this from within ASaP and then finally go and see the fruits of your labor.

Errors

Are there any rules to follow when creating my Database?

Avoid names that have any possible resemblance to what might be reserved words in a programming language. The SQL language which is what ASaP uses to connect to the different database types will have conflicts with the following list below. These are reserved for the SQL language to perform functions. To help alleviate this problem simply add something to the beginning of your fieldname. For example if your fieldname is called **NAME** then change it to **myNAME** or **my_NAME**.

Reserved SQL words:

NAME
STATE
LIST
FIELD
CLASS
LOCATION
ADD
ALL
ALTER
AND
ANY
AS
ASC
AUTOINCREMENT
AVA
BETWEEN
BINARY
BIT
BOOLEAN
BY CREATE
BYTE
CHAR
CHARACTER
COLUMN
CONSTRAINT
COUNT
COUNTER
CURRENCY
DATABASE
DATE
DATETIME
DELETE
DESC
DISALLOW
DISTINCT
DISTINCTROW
DOUBLE
DROP
EXISTS
FROM
FLOAT
FLOAT4
FLOAT8
FOREIGN
GENERAL
GROUP
GUID

HAVING

Reserved SQL words continued:

INNER

INSERT

IGNORE

IMP

IN

INDEX

INT

INTEGER

INTEGER1

INTEGER2

ISJOIN

KEY

LEFT

LEVEL

LIKE

LOGICAL

LONG

LONGBINARY

LONGTEXTMAX

MEMO

MIN

MOD

MONEY

NOT

NULL

NUMBER

NUMERIC

OLEOBJECT

ON PIVOT

ORDER

OUTER

PARAMETERS

PERCENT

REAL

REFERENCES

RIGHT

SELECT

SET

SHORT

SINGLE

SMALLINT

SOME

STDEV

STDEVP

STRING

SUM

TABLE

TABLEID

TEXT

TIME

TIMESTAMP

[TOP](#)

TRANSFORM

UNION

UNIQUE

UPDATE

VALUE

VALUES

VAR

VARBINARY

VARCHAR

VARP

WHERE

WITH

YESNO

Introduction

Now supports both ASP and PHP. If you have a database that you would like on the web this software may be just what you need. ASaP is geared more towards the beginner but also potentially useful for the more advanced. This tool will generate a series of pages which will allow the person browsing to dynamically search, view, modify, add, and delete records. Modify, add, delete, and login *(not available in PE Version)*.

If you require [password](#) protection simply specify this while setting up your pages *(not available in PE Version)*.

[Related](#) fields can be linked to their corresponding table in your database as well. Websafe Colors are available for [design](#) and the ability to include an image on detail pages. The generated files can then be [uploaded](#) right from within the program to your Internet Service Provider.

This Help file is to be used as a reference tool while building pages with ASaP. Within the program you can click on the "Help" button which links to a related topic in this help file.

System Requirements

ASaP will run on Windows 95/98/NT/2000/XP. The files that are generated are of the .asp extension (Active Server Page) or of the type .php. These types of files can only be viewed from an Internet Server or on a PC if you have [IIS or Personal Web Server](#) installed.

FAQ

USING SEARCH RESULTS INDEPENDENTLY OF SEARCH FORM: **NOTE :** ASaP was built to have all of the pages work together in concert. The search results page will store those variables that were being searched on from the search form so that when you are later in a detail record and want to go back to your previous search then you can do so without making a new search. If you plan on using the search results page independently then you can simply provide a link to it and if you would like to narrow the search then you can place hardwired criteria within the link. example:
http://www.data-asap.com/dogs/dogs_search_results.php?breed=hound.

FIELDS: **NOTE : (Access Databases ONLY)** Any field that is of type "memo" in your database will automatically get generated on all forms as a larger textarea box. Any field that is of type "boolean" in your database will automatically get generated as a checkbox. If you desire textarea boxes or checkboxes on your forms then it is recommended to first go into your database and make the fields of type memo or boolean accordingly.

If you are using a MySQL database then an additional page will load to give you the choice of choosing which fields from within your database are of type **memo** or of type **checkbox**. Fields you choose as memo should be of type "text" in a MySQL environment and those chosen for checkboxes should be of the int or numeric type.

DSN: A system name that is given to a database. Usually, when you want to connect to a database, you have to send a whole bunch of arguments to get the connection going. It is tedious to spell out this information again and again every time you connect to the database, especially because the information never changes. DSNs were created to fix this problem. A DSN lets you store in one place all that information you normally have and give it a name. For instructions on how to setup a DSN on your system [click here](#)

(PWS) Personal Web Server/ (IIS) Internet Information Server : A free utility from Microsoft that makes it possible for you view ASP pages from a PC. Please visit www.microsoft.com and search for either Personal Web Server or Personal Web Manager.

Are there any rules to follow when creating my Database?

See the [errors page](#) for more details on this.

DSN

New in version 3.1.40 you will no longer need a DSN to connect to your MySQL database when building the project. You will only need the following information below to connect. If you have any problems then try connecting with a DSN in which case you will need to follow step 4 below.

- **username**
- **password**
- **database name**
- **server name**

1 Open the Control Panel and double-click the icon labeled ODBC 32 OR 32bit ODBC or, in Windows NT, just ODBC. The ODBC Data Source Administrator box is displayed. **New in version 3.1.20** we have added the ability to open the DSN Manager within ASaP so that you can configure your local DSN. Simply click on the DSN Manager button and then configure your DSN as you would do normally.



2 Click the "System DSN" tab.

3 Click the Add button.

4 The Create New Data Source dialog box appears. Scroll down and click the name of the driver that goes with your database. In the case of Microsoft Access click the entry that looks like this: Microsoft Access Driver (*.mdb). If you choose to use the DSN option then you will need to download the drivers in order to connect to a remote MySQL database. You can get the MyODBC driver from the MySQL site <http://www.mysql.com/downloads/api-myodbc-3.51.html>. Scroll down the MySQL page until you see Windows Downloads and choose Driver Installer download. You can now download MyODBC from the data-asap site <http://www.data-asap.com/downloads/MyODBC-351.exe>. After installing the driver you will then need to open your ODBC client and create a DSN to your MySQL database. The DSN will allow you to connect to your remote or local copy of your database. You will need to supply the following within the ODBC client:

- **MySQL Host**
- **MySQL Database Name**
- **user**
- **password**

6 Click Finish.

7 Type the name you want to give this database in Data Source Name. You don't have to give the data source the same name you gave the database when you created it. But doing so can help you keep them all straight.

8 Click the Select button. A Select Database dialog box appears.

9 Rummage through your directories and find the database you created. Click OK.

10 Click OK.

11 Find the new DSN you just created (they're in a alphabetical order). Click OK.

Congratulations! You now have a DSN established to access your database.

Prerequisite

ASaP works on either Active Server Page technology (**.asp**) or Hypertext Preprocessor technology (**.php**). In order for ASaP to work you will need to have an Internet Service Provider who offers either **PHP hosting or ASP hosting** or who offers **Chillisoft** which allows Active Server Pages to run on the UNIX platform.

Preparation

Create a folder on your hard drive to store the files that will be generated by ASaP. If you plan on supporting images in your detail pages then create an images folder within this folder. If your database is SQL then communicate with your Internet Service Provider to setup what's called a DSN.

If you will be viewing the generated files locally on your system you will need to download and install Microsoft Personal Web Server (PWS) or Internet Information Server (IIS). To get PWS visit www.microsoft.com and search for either Personal Web Server, Personal Web Manager, or IIS. If your pages refer to a local DSN you will need to create this on your system so that the generated pages will be able to communicate with your database. To create a new DSN read the following instructions.

Welcome

If you are new to working with databases online then please follow these simple steps to get going.

Host Test

Your Internet Service Provider must support either one of two popular scripting languages to enable the generated pages from ASaP to connect to your database. These two scripting languages are **ASP (Active Server Pages) Microsoft Server** or **PHP (PHP: Hypertext Preprocessor) Linux Server**. You will simply type in the FTP information provided by your Internet Service Provider and ASaP will upload a few files to test the waters. If your host is a Microsoft Server **ASP** then you will be using either an Access database or SQL Server database since these two database platforms are Microsoft. If your host is a Linux Server **PHP** then you will be using MySQL as your database platform since this is native to Linux servers.

Load MySQL

If you are wanting to test one of the supplied demo projects to get familiar with ASaP and your host is running a Linux Server then you will be using a MySQL database. This will load the demo data into your MySQL database. You will simply type in the MySQL database connection information supplied by your Web Host and then click on "Load Data 1" the dogs example or "Load Data 2" the painters example.

Copy Projects

To use one of the demo projects you will need to copy the supporting files to a location of your choosing on your hard drive. You will choose the folder and then click on the one of the copy project buttons to move the required files to this location of your choice.

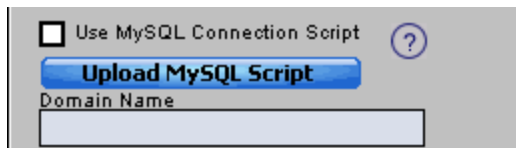
MySQL Connection Alternative

If your HOST does not allow for remote MySQL Connections then you will need to first upload the script necessary for ASaP to connect to your MySQL database in order to build pages. You will need to supply the following FTP information to upload the script.



The image shows a web form titled "ASaP" with a blue header. Below the header, the text "Upload MySQL Connection Script" is displayed. There are four input fields stacked vertically, each with a label to its right: "Server", "Root folder", "username", and "password". Below these fields, the text "Upload MySQL Connection Script" is repeated. At the bottom of the form is a button labeled "Upload Script".

Once the script has been uploaded then you can return to ASaP and then connect to the MySQL database. Make sure to check the **"Use remote MySQL Connection "** checkbox.



The image shows a web form with a checkbox labeled "Use MySQL Connection Script" and a question mark icon to its right. Below the checkbox is a blue button labeled "Upload MySQL Script". Below the button is a text input field labeled "Domain Name".