

ASAP system Installation Guide

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Requirements

To have ASAP system installed you need:

Windows or Unix platform

Perl of version 5.8.0 or higher

Http server (e.g. Apache)

Script folder of the http server (cgi-bin) with permissions to write there.

mySQL database system of version 3 or higher

mySQL database in the system with login and password

Getting Started

The ASAP system installation package consists of two items: directory 'install_data' and script 'installer.pl' (or archive file containing them).

1. Copy the two items (extract them if they are in archive) to the destination folder (any subfolder of your http server script directory) where you can run 'installer.pl' from a browser (i.e by typing `http://your_server/cgi-bin/.../installer.pl` in the browser).
2. Change file attributes to 755 for 'install_data' directory and 777 for 'installer.pl' script (Unix only).
3. Modify first string of 'installer.pl' file to match the path of the perl installed on your server (e.g `#!/usr/bin/perl` or `#!/usr/local/bin/perl` or `#!/c:/perl/bin/perl`). Make sure you specified it correctly.
4. Run the 'installer.pl' through the browser (e.g you if have the script files for your http server in `/.../.../cgi-bin/` folder and you put 'installer.pl' into NEW_SYSTEM subfolder then the address to type in the browser should look like `http://your_server/cgi-bin/NEW_SYSTEM/installer.pl`)
5. If you are getting an error page – please make sure that 'installer.pl' has attribute 777 and the first string is actually pointing to the perl of version 5.8.0 or higher.
6. Once you got the page from 'installer.pl' without errors, follow the installation steps described below (or the tips suggested by installer)

Installation Process

PREPARATIONS page

MODULES

If you have all necessary perl-modules installed then you should get 'You have all necessary perl-modules installed!' message and 'Start' button activated at the bottom of the page.

In case you lack the necessary perl-modules the message should contain the names of the modules to install. You can install them by yourself, following instructions from <http://www.cpan.org/modules/INSTALL.html> or (if you don't have permissions to install perl modules) you should ask the administrator of the server to install it.

PERMISSIONS

If the installer can't write to the folder it is in, you'll see the notice about that. In that case you should give necessary permissions to the folder – since the installer is being run by web-server the permissions should be given to the user under which web-server is operating.

DATABASE

Make sure you have the database created for the ASAP system and you know login and password to it (along with address where it installed, if not on the server).

PATH

Make a decision where you want to install the system. When decided make sure you know the relative and absolute addresses to that destinations for script and document folders.

PRESS A 'START' BUTTON WHEN READY

NAMES and PATHS page

Provide the data about the name, description of your system and also the name of the server you are installing the system on. Also provide necessary paths to install your system to. Follow the messages directions if something that you specified didn't make sense.

Press 'Next' to submit input and go to DATABASE page.

DATABASE page

Here you need to make sure that you (or administrator of the server if you don't have permissions) created database for the system in mySQL and have login and password to it. Login name, password, database name, server and port are to be specified here. Table prefix is important to treat web part and ASAP package part separately in the same database. Installator will try to connect and populate the database. In case of error you'll have a chance to reconsider your input and fix the mistakes.

Press 'Next' to submit input and go to final step or 'Back' to get back to NAMES and PATHS page.

LAST step page

Specify the name and the password for main administrator of the system along with the e-mail to use. If you don't want to do it right away – you can specify everything later. And for a time the login-password pair will be Admin-admin. Please note, that leaving it as is makes the system vulnerable for malignant persons who wait until you just install the system and don't specify customized password for the system. The only thing they need to do is to use the default one, take over the system and do evil things with a server! Change the password ASAP.

Just press 'LAUNCH ...' button to run your system the first time

Finish Installation

Once you run the system under administrator – you need to finish the installation. The ASAP package itself along with plans are needed to be installed. That includes the ASAP part of database to create and to put information about pre-existing plans into it.

In administrator page you'll be prompted to ASAP Configuration page. Please, specify all the database parameters (if you want the different database for ASAP part). Please, note that you need to specify unique prefix for the tables in the database, i.e. there should be no tables for the moment that begin with the prefix you specified. The prefix stuff is done to be able to separate different logic parts in one database.

Once you've got everything specified, press Install and you'll be prompted to ASAP Installation page where you have to specify the plans you want to install. After success installation go to GENERAL Configuration, correct any configuration parameters you want and you can to make the whole system and/or the ASAP part active, so anybody can use it. That is the last step.

LINKS TO THE SYSTEM

The main question after all, how do you access your newly installed system? Of course it depends on what the server name you installed the system to and what script and document folders you specified. Let's say, the server name is '**sysbio.fccc.edu**', relative script folder you specified is '**/cgi-bin/ASAP/**' and relative document folder you specified is '**/ASAP/**'.

Then the address to the index page will be:

<http://sysbio.fccc.edu/ASAP/> or directly
<http://sysbio.fccc.edu/cgi-bin/ASAP/index.pl>

To refer to administration page:

http://sysbio.fccc.edu/cgi-bin/ASAP/admin/admin_index.pl