

## SOAP server installation manual

Please find attached a sample script for automated insertion of graphs (via SOAP). Installation instructions::

### SERVER:

1. Use PHP 5.x (with SOAP support) and Cacti Version 0.8.7a
2. Extract files from "soap-server.zip"
3. Place "soap\_service.php" file into your Cacti installation directory
4. Place "soap" directory with all included files into your Cacti installation directory
5. Open cacti URL (typically "http://<hostname>:<port>/cacti")
6. Click "User Management"
7. Check "admin", choose action "duplicate" and click "Go"
8. Enter the following values:
  - User name: "soap"
  - Full name: "Soap service"
  - Password: "soap"

### CLIENT:

1. Use PHP 5.x (with SOAP support)
2. Extracts files from "soap-client.zip"
3. Open the command line and go to the directory where you are extracted the files
4. Type:  
"php add\_graph\_cl.php --username=soap --password=soap --urn=<hostname>:<port>/cacti --do--list-snmp-queries"

Option "--urn" specifies the path where cacti service is running. If you are running cacti service and client in local machine, just add this parameter: "--urn=localhost/cacti" or "--urn=localhost"

5. Press enter to start the client

### Sample Client for Perl

For a sample soap client in Perl see the file "samples/soap\_client\_perl.pl".

Both SOAP and GUI use common work functions, this way we abstract functionality from the user input system (GUI, SOAP) and make code more manageable.

I would appreciate any feedback on the code, does this approach seem sane and what is your opinion, should more functionality be added this way, for example the adding of devices, trees...