Name

scout — A Package Scout

`scout` [global_options] {module} {search_term} [module_options]

Options

The following options are available:

`global_options`, `module`
: The global options are handled by scout itself.

  `--format`
  : Specify the default output format. Choices are table (default), xml, csv. It's a replacement of the older scoutcsv, scoutxml links.

  `--help`
  : Print a brief help.

  The respective module to search for. The following modules are available:

  autoconf
  : Search for autoconf macros inside m4 files.

  bin
  : Search for binaries contained in packages.

  header
  : Search for C/C++/Obj-C/Obj-C++ headers

  java
  : Search for Java classes inside packaged JAR files.

  python
  : Search for Python modules.

  webpin
  : Search in packages using the Webpin webservice.

`search_term`
: The term you are looking for.

`module_options`
: Additional module options. At the moment these are:

  `--listrepos`
  : list all available repositories

  `--repos=`*`REPO`*, `-r` *`REPO`*
  : select a repository to search (use a name from the `--listrepos` output)

Description

Scout is a tool to look for uninstalled packages. For example, which binary does a package provide, which Java classes are available and which autoconf macros does a package contain.

To search for your requested term, you need index data files which are a preconfigured SQLite 3 database. You have to install these in order to get your search request done. Use the Scout OBS data repository [http://download.opensuse.org/repositories/home:/prusnak:/scout/data] to get additional index files. See the Wiki page about Scout [http://en.opensuse.org/Scout] for more information.

Example 1: Search For Executables

For example, to search for a `sdl-config` executable, you need the bin module:

```
$ scout bin sdl-config
```

You get the following output:

```
 repository | binary     | path                          | package
------------+------------+-------------------------------+-----------------
 suse110    | sdl-config | /usr/bin                      | SDL-devel
 suse110    | sdl-config | /usr/lib/baselibs-32bit/bin | SDL-devel-32bit
```

Example 2: Search For Java Packages

If you want to search for a Java package, use the following code:

```
$ scout java org.apache.xml.serialize.Serializer
```

You get:

```
 repository | package          | jar                 | class
------------+------------------+---------------------+--------------------------------
 jpackage17 | jboss4-testsuite | xerces.jar          | org.apache.xml.serialize.Seriali
 jpackage17 | jboss4-testsuite | xerces.jar          | org.apache.xml.serialize.Seriali
 jpackage17 | jboss4-testsuite | xerces.jar          | org.apache.xml.serialize.Seriali
 jpackage17 | xerces-j2        | xerces-j2-2.9.0.jar | org.apache.xml.serialize.Seriali
 jpackage17 | xerces-j2        | xerces-j2-2.9.0.jar | org.apache.xml.serialize.Seriali
 jpackage17 | xerces-j2        | xerces-j2-2.9.0.jar | org.apache.xml.serialize.Seriali
```

Example 3: Search through Webpin

If you want to use the openSUSE Search Webservice [http://software.opensuse.org/search]—also known as “Webpin”—use the following line:

```
$ scout webpin docbook_5.xml
```

You get:

```
 package   | version | arch   | repository URL
-----------+---------+--------+-----------------------------------------------------------
 docbook_5 | 5.0     | noarch | http://download.opensuse.org/distribution/SL-OSS-factory
 docbook_5 | 5.0CR7  | noarch | http://download.opensuse.org/repositories/home:/thomas-
 docbook_5 | 5.0     | noarch | http://download.opensuse.org/repositories/XML/xml-facto
```

Bash Completion

If you like to complete your options automatically through Bash, insert the following lines into your `~/.bashrc` or `/etc/bash.bashrc`:

```
if [ -f /etc/bash_completion.d/scout ]; then
  . /etc/bash_completion.d/scout
fi
```