Name

scout — A Package Scout

Synopsis

`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.
>
>   `--version`
>
>>   Print version.
>
>   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 [https://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 [https://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.sh ]; then
  . /etc/bash_completion.d/scout.sh
fi
```

See also

command-not-found(1)