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# 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 [<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
susel10	sdl-config	/usr/bin	SDL-devel
susel10	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	<a href="http://download.opensuse.org/distribution/SL-OSS-factory/">http://download.opensuse.org/distribution/SL-OSS-factory/</a>
docbook_5	5.0CR7	noarch	<a href="http://download.opensuse.org/repositories/home:/thomas-">http://download.opensuse.org/repositories/home:/thomas-</a>
docbook_5	5.0	noarch	<a href="http://download.opensuse.org/repositories/XML/xml-factory/">http://download.opensuse.org/repositories/XML/xml-factory/</a>

## 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)