

**NAME**

*vocatalog* – Query VO catalog services for data

**SYNOPSIS**

**vocatalog** [<opts>] <service> [ <object> | <ra> <dec> ] [ <size> ]

**OPTIONS**

The *vocatalog* application accepts the following options:

**-h, --help**

Print a help summary to the terminal and exit. No processing is done following this flag.

**All VODATA task options****DESCRIPTION**

The *vocatalog* task is a convenience application built on top of the *vodata* application, logically it will only query for catalog data and will set the appropriate flags when calling *vodata*.

For a complete list of options and a description of the task behavior, see the *VODATA* man page.

**RETURN STATUS**

On exit the **vocatalog** task will return a zero indicating success, or a one indicating an error.

**EXAMPLES**

1) Query the GSC 2.3 catalog for stars a) within the 0.1 degree default search size around NGC 1234: b) around all positions contained in file 'pos.txt': c) for the list of objects given on the command line: d) query a list of services for a list of positions: e) print a count of results that would be returned from 3 services for each position in a file:

```
% vocatalog gsc2.3 ngc1234          (a)
% vocatalog gsc2.3 pos.txt          (b)
% vocatalog gsc2.3 m31,m51,m93      (c)
% vocatalog svcs.txt pos.txt        (d)
% vocatalog hst,chandra,gsc2.3 pos.txt (e)
```

2) Print a count of X-ray catalog data around Abell2712:

```
% vocatalog -c -b x-ray any abell2712
% vocatalog --count -b x-ray any abell2712
```

**BUGS**

No known bugs with this release.

**Revision History**

Feb 2013 - First public release

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**SEE ALSO**

*vodata*, *voimage*, *vospectrum*