

**NAME**

votcnv – Convert from VOTable to another format

**SYNOPSIS**

**votcnv** [-*opts*] votable.xml

**OPTIONS**

The *votcnv* task accepts the following options:

**-h, --help**

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

**-f FMT, --fmt FMT**

Convert the VOTable to the format specified by *FMT*. Allowed formats are described below.

**-i NUM, --indent NUM**

Indent each level of XML output by *NUM* spaces.

**-n, --noheader**

Suppress writing any header information. This flag only applies to formats other than FITS and VOTable.

**-o NAME, --output NAME**

Write the result to the file *NAME*.

**DESCRIPTION**

The *votcnv* task is used to convert a VOTable XML document to a different format, or to rewrite a VOTable using (or removing) indentation. Creating a new VOTable document will fix any compliance issues since the task will loosely read a VOTable on input but will always write an XML file that complies with the VOTable specification.

The *-f* (or *--fmt*) flag is used to specify the new format using one of the names listed below.

<i>vot</i>	A new VOTable
<i>asv</i>	ASCII-separated (i.e. whitespace) values.
<i>bsv</i>	Bar-separated values.
<i>csv</i>	Comma-separated values
<i>tsv</i>	Tab-separated values
<i>html</i>	Standalone HTML document (entire table)
<i>shtml</i>	Single HTML table
<i>fits</i>	FITS bintable
<i>ascii</i>	ASV alias
<i>xml</i>	VOTable alias
<i>raw</i>	VOTable alias

For formats such as CSV that normally include column headers, the *-n* (or *--noheader*) flag may be used to suppress this header. The FITS file produced will be an MEF containing a bintable extension for each VOTable "<TABLE>" element. Column types and names in this case come from the VOTable "<FIELD>" attributes.

If no input file is specified the VOTable will be read from the stdin, results will be written to stdout unless the *-o* (or *--output*) names an output file. The task will only process a single VOTable and may not be used to convert multiple files in a single call.

**RETURN STATUS**

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

**EXAMPLES**

1) Convert a VOTable to a CSV file:

```
% votcnv --fmt=csv test.xml
```

2) Rewrite a VOTable with readable indentation:

```
% votcnv -f vot -i 2 test.xml
```

3) Remove indentation from a VOTable:

```
% votcnv -f vot -i 0 test.xml
```

**BUGS**

No known bugs with this release.

**Revision History**

Feb 2013 - First public release

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**SEE ALSO**

votget, votinfo, votpos, votsort, votstat