

Documentation interface for MAGMA

[Other computer algebra documentation interfaces: GAP¹]

[Also see: MAGMA home page (The University of Sydney)]

To run programs associated with MAGMA you should have:

`/homes/magma/bin`

in your path. Then

Command	Runs ...
<code>magmahelp</code>	lynx on <i>Magma HTML Help</i> (see table below)
<code>docmagma</code>	netscape on this documentation interface
<code>magma</code> ¹	MAGMA V2.7-2 (the current version)
<code>magma.old</code> ¹	MAGMA V2.7-1 (the previous version)
<code>caymag</code> ²	A CAYLEY to MAGMA translator

The following information was developed at a time when CAYLEY had not yet been made obsolete by MAGMA. It is fairly elementary ... but may still be useful.

- Suggestions for a `startup` file
- Problems that one may encounter running MAGMA and how to fix them
- CAYLEY and MAGMA
- On-line help

If you use MAGMA in your research please remember to acknowledge it.

For more detailed information about MAGMA, follow one of the following links. If the `.dvi.gz` files don't automatically uncompress and display on your screen try downloading `.mime.types` and `.mailcap` into your home directory and restarting this interface.

Title	Hypertext	.dvi.gz	
<i>Handbook of Magma Functions</i>	<i>Magma HTML Help</i>	<i>Language and Index</i> ³	hb1.dvi.gz
		<i>Semigroups and Groups</i>	hb2.dvi.gz
		<i>Rings and Fields</i>	hb3.dvi.gz
		<i>Modules and Algebras</i>	hb4.dvi.gz
		<i>Algebraic Geometry and Incidence Structures</i>	hb5.dvi.gz
Title	.dvi.gz		
<i>First Steps in Magma</i>	first.dvi.gz		
<i>An Introduction to Magma</i>	intro.dvi.gz		
<i>Solving Problems with Magma</i>	examples.dvi.gz		
<i>Summary of the Magma Categories and their Operations</i>	catv27.dvi.gz		
<i>Summary of New Features</i> ⁴	relprev27.dvi.gz, relv27.dvi.gz		

¹ These versions of MAGMA are licensed to run on the following machines:

```

flute   earwig   olympic  aire
fife    everest  gigantic  tierra
oboe    isa      chica    whistle

```

² `caymag -h` gives usage information.

³ The **Signatures** (index) starts at p267 (use the keyboard shortcut: 267g to jump to that page).

⁴ The *Summary of New Features* (Release Notes) comes in two parts: `relprev27.dvi.gz` summarises features introduced in each release prior to V2.7, going back to V1.30, and `relv27.dvi.gz` describes features introduced in the current version.

<http://www.csee.uq.edu.au/~gregg/>