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# Heimdali Documentation

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Heimdali is a set of commmand line tools to perform Image processing tools, based on ITK and HDF5



## 1.1 Format options

These are options describing the image format. There are used each time an image is created.

option	description
-z N	Number of planes
-y N	Number of lines
-x N	Number of pixel per line
-v N	Number of value per pixel
-r	Floating point values

## 1.2 par

**par** prints format parameters of images.

### 1.2.1 Synopsis

```
par  [--wr <output.txt>] [--x0] [--y0] [--z0] [-o] [-x] [-y] [-z] [--]
      [--version] [-h] <INPUT> ...
```

### 1.2.2 Description

**par** print on *stdout* in the file *outout.txt*, the format parameters of iamges given as arguments.

The `--wr` options can be given the special file names *stdout* and *stderr*. If the file name *output.txt* starts with `>>`, result are written at the end of the file.

If one or more options `--x0 --y0 --z0 -x -y -z` is given, **par** print the corresponding parameters, in the *Format options*. This allow to use **par** in command subsitution, as for example:

```
create image-copy.h5 `par -x -y image.h5` -r
```

If no options are given, all format parameters are printed for all images on argument.





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## Heimdali API

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**Community**

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**Developer guide**

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## Indices and tables

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