
Balorog

For those who dig too deeply and greedily into their data...

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Contents

1	Introduction	3
2	Usage	3
3	Command Line Options	3
3.1	Built-in Options	3
4	Output	4

1 Introduction

Balrog is ...

2 Usage

Usage

3 Command Line Options

Balrog runs can be configured via command line options. Two types of options exist. First are the built-in ones, native to Balrog. In addition, Balrog supports a mechanism for users to define their own command line options. To print a list of all Balrog's command line, both native and user-defined, along with brief help strings, run:

```
% ./balrog.py --help
```

3.1 Built-in Options

```
--outdir  
--imagein  
--imageext  
--weightin  
--weightext  
--psfin  
--xmin  
--xmax  
--ymin  
--ymax  
--ngal  
--gain  
--zeropoint  
--seed  
--fluxthres  
--clean  
--sexpath  
--sexconfig  
--sexparam  
--sexnnw  
--sexconv  
--noassoc  
--noempty  
--sexemptyparam
```

4 Output

Each Balrog run generates a number of output files. These are organized into a fixed directory structure. Users indicate the `--outdir` command line option, and the remainder of the naming scheme occurs automatically, placing files in subdirectories under `--outdir`. Four subdirectories are written, labelled according to what type of files they contain.

- `balrog_cat`: Contains catalog files.
- `balrog_image`: Contains image files.
- `balrog_log`: Contains log files.
- `balrog_sexconfig`: Contains files for configuring sextractor.