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# SoS Documentation

*Release 3.2*

**Bryn Reeves**

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Sos is an extensible, portable, support data collection tool primarily aimed at Linux distributions and other UNIX-like operating systems.

This is the SoS developer documentation, for user documentation refer to:

<https://github.com/sosreport/sos/wiki>

This project is hosted at:

<http://github.com/sosreport/sos>

For the latest version, to contribute, and for more information, please visit the project pages or join the mailing list.

To clone the current master (development) branch run:

```
git clone git://github.com/sosreport/sos.git
```



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## Reporting bugs

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Please report bugs via the mailing list or by opening an issue in the GitHub Issue Tracker





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**Mailing list**

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[sos-devel](#) is the mailing list for any sos-related questions and discussion. Patch submissions and reviews are welcome too.



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## Patches and pull requests

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Patches can be submitted via the mailing list or as GitHub pull requests. If using GitHub please make sure your branch applies to the current master as a 'fast forward' merge (i.e. without creating a merge commit). Use the git rebase command to update your branch to the current master if necessary.



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## Documentation

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User and API documentation is automatically generated using [Sphinx](#) and [Read the Docs](#).

### 4.1 Wiki

[How to write a plugin](#)

[How to write a policy](#)

[Plugin options](#)

To help get your changes merged quickly with as few revisions as possible please refer to the [Contributor Guidelines](#) when submitting patches or pull requests.



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## Installation

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### 5.1 Manual Installation

```
to install locally (as root) ==> make install
to build an rpm ==> make rpm
to build a deb ==> make deb
```

### 5.2 Pre-built Packaging

Fedora/RHEL users install via yum:

```
yum install sos
```

Debian(Sid) users install via apt:

```
apt-get install sosreport
```

Ubuntu(Saucy 13.10 and above) users install via apt:

```
sudo apt-get install sosreport
```





## 6.1 Plugin Reference

### 6.1.1 `sos.plugins` — Plugin Interface

## 6.2 Core Reference

### 6.2.1 `sos.archive` — Archive Interface

### 6.2.2 `sos.policies` — Policy Interface

### 6.2.3 `sos.reporting` — Reporting Interface

### 6.2.4 `sos.utilities` — Utilites Interface