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# **jade\_utils Documentation**

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A set of utilities and helper functions to make the [Met Office Informatics Lab Pangeo deployment](#) even more useful.



`jade_utils` provides helper functions for use on Pangeo.

## 1.1 Installation

Install with the following command:

```
conda install -c informaticslab jade_utils
```

## 1.2 Usage

TODO





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`jade_utils.human_tools`

Tools to make things more human readable.

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`jade_utils.iris_tools`

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## 2.1 Human Tools

Tools to make things more human readable.

`jade_utils.human_tools.human_bytes (num, suffix='B', use_binary_prefix=True)`

Provide a human readable representation of a specified number of bytes.

Convert a number of bytes into a higher order representation such as megabytes or gigabytes to make more human readable. Similar to specifying `-h` in many command line tools.

**Args:** `num` (int): The number of bytes you wish to represent. `suffix` (str, optional): The suffix for the representation. Defaults to 'B' `use_binary_prefix` (bool, optional): Use binary prefix, Defaults to True, if False use decimal prefix.

[https://en.wikipedia.org/wiki/Binary\\_prefix](https://en.wikipedia.org/wiki/Binary_prefix)

**Returns:** str: The human representation of the bytes provided.

**Examples:**

```
>>> print(human_bytes(1024))
1.0KiB
```

## 2.2 Iris Tools



j

`jade_utils.human_tools`, 5



## H

`human_bytes()` (in module `jade_utils.human_tools`), [5](#)

## J

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