

OpenEarth tools conventions

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Style guides

Matlab

The [Matlab style guide](#) is used for formatting matlab code.

You can use M-Lint provided with Matlab to check your source code for common errors.

If you use the **oetnewfun** to create a new function it already creates a documentation section. There is also a testing framework setup in the repository which allows for unittesting. **oetnewtest** creates an empty test with a documentation section. Tests created according to this format can be run individually (as a function) or with an automated test object (planned to include this in the buildserver for example). Tutorials on how to use the test framework can be found under the [matlab tutorials](#) section.

Python

The [PEP-8](#) is used as the style guide for python code.

You can use [pychecker](#) to check for common errors and to have your source graded. Please make sure you get a grade of 7 or higher.

For unit testing you can use [pyunit](#).

Data standards

For data we use the [Data Protocol](#).