**How Our Documentation Works**

For the Portland State University lab under Ralf Widenhorn developing Pozyx

**File and Folder Organization**

The Pozyx-Arduino-library-master and Pozyx-Python-library-master folders contain all of the original code, including the tutorials, from the Pozyx development team.

House Code contains the code made by our PSU team

Tutorials Altered has the tutorial files from Pozyx altered to do different things

Original Programs has original programs written by our PSU team

Modules has Python modules of useful functions, classes, and other pieces of code for importation and utilization in other programs

Debug contains test debugging files

Documentation contains documentation files, including this one

Data contains data recorded from various tests.

**Python Formatting**

We format our Python code with adherence to the PEP 8 style guide for Python (<https://www.python.org/dev/peps/pep-0008/>). This means the following:

|  |  |
| --- | --- |
| **Guideline** | **Example** |
| Functions are lowercase with words separated by underscores for readability | get\_time(), find\_average\_speed(), log\_sensor\_data() |
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