

# G<sub>n</sub>ebig: A Single-layer AEM Library Using Python

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## 1 Introduction

## A Code Naming Conventions

The following is extracted from “PEP 8 – Style Guide for Python Code”.

**function names** Function names should be lowercase, with words separated by underscores as necessary to improve readability.

**instance variables** Use the function naming rules: lowercase with words separated by underscores as necessary to improve readability.

**method names** Use the function naming rules: lowercase with words separated by underscores as necessary to improve readability.

**class names** Class names should normally use the **CapWords** (aka **UpperCamelCase**) convention.

**package names** Python packages should also have short, all-lowercase names, although the use of underscores is discouraged.

**module names** Modules should have short, all-lowercase names. Underscores can be used in the module name if it improves readability.

**exception names** Because exceptions should be classes, the class naming convention applies here. However, you should use the suffix “Error” on your exception names (if the exception actually is an error).

**constants** Constants are usually defined on a module level and written in all capital letters with underscores separating words. Examples include **MAX\_OVERFLOW** and **TOTAL**.

**function arguments** Always use **self** for the first argument to instance methods.

**method arguments** Always use **cls** for the first argument to class methods.