

Annex C Coding Conventions

C.1 Python Coding Conventions

Each contributor **shall** adhere to style guidelines defined in [Python Enhancement Proposals \(PEP\) 8 – Style Guide for Python Code](#).



Highlights of PEP 8

- Imports should be at the top of the file
- Imports should be grouped into three sections with a blank line between each: (1) standard library imports, (2) third party library imports, and (3) local imports
- Function and variable names should be in lowercase_with_underscores
- Class names should be in UpperCamelCase
- Constants should be in ALL_CAPS_WITH_UNDERSCORES
- Do not use tabs; use four spaces for each indentation level
- Limit lines to 79 characters; or 72 characters for long comments
- Separate top-level functions and class definitions with two blank lines
- Inside functions, use one blank line to separate significant logical sections

Each contributor **should** use a linter to automatically enforce the PEP 8 rules.



Example

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