# pyesdoc

Low level extensible API for managing ES-Documentation

Groups can adopt a scripting approach to documentation creation

MOHC, IPSL will use to streamline simulation documentation

ES-DOC stack (online tools) are built onto of pyesdoc

Supports CIM v1 (with a simplified pathway to CIM v2)

Extensive unit tests

Supports: archival, extensions, i/o, ontologies,
publishing, serialization, validation

Requires: sv validation, offline document viewing, simulation comparator,
pdf document encoder, CIM v2 support. publishing security

**es-doc**
Earth System Documentation

# online tools

**Splash Page**
Simple HTML page acting as main entry point to ES-DOC

**Questionnaire**
Documentation creation application (Django) that supports CIM v1

**Viewer**
javascript app that pulls documents from ES-DOC web API

**Search**
javascript app that pulls results from ES-DOC web API

**Comparator**
javascript app that pulls setup file from ES-DOC static file server

es-doc
Earth System Documentation

# CIM v1 / v2

**v1**

Current version = 1.10

Fully supported ES-DOC stack

Requires streamlining & in some parts re-engineering

**v2**

See Bryan Lawrence's Notebook

Feature set pretty well defined

ES-DOC stack designed to be extensible

esdoc-mp to be extended accordingly

**Elephant in the room**

Standard Vocabularies !

**es-doc**
Earth System Documentation

# CMIP6

**Simulations**
pyesdoc + questionnaire

**Experiments**
BL Notebook

**Models**
pyesdoc + questionnaire

**Data**
pyesdoc

**Quailty Control**
???

**Grid Specs**
???

**Standard Vocabularies**
???

es-doc
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