
Fusion Data Framework Documentation

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Fusion Data Framework (FDF) is a data access, management, and visualization framework for magnetic fusion experiments.

Repository: <https://github.com/Fusion-Data-Framework/fdf>

Documentation: [PDF](#)

ABOUT FDF

Fusion Data Framework (FDF) is a data access, management, and visualization framework for magnetic fusion experiments.

Repository: <https://github.com/Fusion-Data-Framework/fdf>

Documentation: [HTML](#) or [PDF](#)

Submit bugs or feature requests: <https://github.com/Fusion-Data-Framework/fdf/issues>

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To contribute to the FDF project, please contact John, David, Kevin, or Howard.

CHAPTER
TWO

USER GUIDE

MODULE DOCUMENTATION

factory.py - root module for the FDF package.

3.1 Classes

Machine - root class for the FDF package Shot - shot container class Logbook - logbook connection class Container - diagnostic container class Node - mdsplus signal node class FdfError - error class for FDF package

3.2 Usage

```
>>> import fdf
>>> nstx = fdf.Machine('nstx')
>>> nstx.s140000.logbook()
>>> nstx.addshots(xp=1048)
>>> nstx.s140000.mpts.plot()
```

Created on Thu Jun 18 10:38:40 2015 @author: ktritz fdf-signals.py - module containing Signal class

3.3 Classes

Signal - signal class for data objects

Created on Tue Jun 23 2015

@author: hyuh fdf_globals.py contains package-level constants

Created on Thu Jun 18 11:18:16 2015

@author: ktritz

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