Fusion Data Framework Documentation Release 0.0.0

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CONTENTS

1	1 About FDF			2
2	2 User Guide			3
3	3 Class and method reference 3.1 Class Machine			4
4	4 License			5
5	5 Indices and tables			6
In	Index			7

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

CONTENTS 1

ONE

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

THREE

CLASS AND METHOD REFERENCE

3.1 Class Machine

class factory.Machine (name='nstx', shotlist=[], xp=[], date=[])

Factory root class that contains shot objects and MDS access methods.

Basic class initialization is performed as follows: >>>nstx = Machine(name='nstx')

the Machine class contains a model shot object: nstx.s0

shot data can be accessed directly through the Machine class: >>> nstx.s141398 >>> nstx.s141399

alternatively, a list of shot #'s may be provided during initialization: >>>nstx = Machine(name='nstx', shotlist=[141398, 141399])

or added later using the addshot method: >>>nstx.addshot([141398, 141399])

3.2 Class Shot

3.3 Class Logbook

3.4 Class Signal

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LICENSE

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FIVE

INDICES AND TABLES

- genindex
- modindex
- search

М

Machine (class in factory), 4