Read the Docs Template Documentation

Release 1.0

Read the Docs

Jan 16, 2023

CONTENTS

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ONE

GETTING STARTED

This is where you describe how to get set up on a clean install, including the commands necessary to get the raw data (using the *sync_data_from_s3* command, for example), and then how to make the cleaned, final data sets.

CHAPTER

TWO

CONTRIBUTION

HexWatershed was developed and maintainced by

- Chang Liao (Pacific Northwest National Laboratory)

If you are interested in contributing, join the Slack community: Slack.

Please fill out the Form.

If you have trouble opening the Google Form, please send an email to changliao.climate@gmail.com with Subject "Join HexWatershed Slack", and please provide Name, Preferred Email, and Affiliation.

CHAPTER

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HISTORY

- 2017-05-12: Design
- 2020-04-12: Publish

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AUTHORS

- Chang Liao

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GLOSSARY

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API REFERENCE

namespace **latest**

module pypest

module pypest_create_template_configuration_file

Functions

pypest_create_template_configuration_file(*sFilename_json*, *sPath_bin*, *sWorkspace_input*, *sWorkspace_output*, *sModel_type*, *iFlag_parallel_in=None*, *iCase_index_in=None*, *sPest_method_in=None*, *sDate_in=None*, *aParameter_in=None*)

module pypest_read_model_configuration_file

Functions

pypest_read_model_configuration_file(*sFilename_configuration_in*, *iCase_index_in=None*, *iFlag_read_discretization_in=None*, *sDate_in=None*, *sModel_type_in=None*, *sWorkspace_input_in=None*, *sWorkspace_output_in=None*, *aParameter_in=None*)

Variables

pDate = datetime.datetime.today()

sDate_default = "{:04d}".format(pDate.year) + "{:02d}".format(pDate.month) + "{:02d}".format(pDate.day)

file **__init__.py**

file **pypest_create_template_configuration_file.py**

file **pypest_read_model_configuration_file.py**

file **readme.md**

page
md__home_docs_checkouts_readthedocs_org_user_builds_pypest_checkouts_latest_pypest_readme

The template directory is the general structure of the pypest. In case you want to apple pypest to a new model, you can copy the content inside the template directory then follow the examples in the example directory.

The models directory contains several models that are already supported by pypest:

1. modflow
2. swat
3. prms
4. maces

Although pypest supports these models, it was not our desire to consider all possible parameters in our study. You can custmize the existing models to meet your own cases.

dir **/home/docs/checkouts/readthedocs.org/user_builds/pypest/checkouts/latest/pypest**

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INDICES AND TABLES

- genindex
- modindex
- search

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