

mainpackage

exempladata

tests



constants.py



tests.py



testdata

mainpackage



exempladata



constants.py



main.py

if data is required for testing but doesn't need to be built then put it at repo level

constants in the tests folder contain test data / paths to test data that is in the git repository but won't get built into the mainpackage when built with conda-build. Also has directories of outputs etc.

tests rely on test data in the repo

outputs from tests to be in the tests folder

if data is required to be built into the package (i.e. its used by the package code) put it here

global constants for the package only. add function below to be able to access constants defined in the tests.constants. (THIS IS FOR DEBUGGING ONLY).

```
def load_test_constants():  
    """only in use for debugging within the package. not used in production code.  
  
    Returns:  
    | _ module: test_constants object  
    """  
    from importlib.machinery import SourceFileLoader  
    path_testing_constants = FDIR_MODULE.parent / 'tests' / 'constants.py'  
    test_constants = SourceFileLoader("constants", str(path_testing_constants)).load_module()  
    return test_constants
```

when debugging scripts you can access the test data defined in tests.constants

```
if __name__ == "__main__":  
    if __debug__:  
        from mfschedule.constants import load_test_constants  
        test_constants = load_test_constants()  
        # access constants like this: test_constants.PATH_OUTPUT_DOCX
```