

analysis

Model

- + pipe_nodes: list[Nodes]
- + pipe_elements: list[Elements]
- + seabed_nodes: list[Nodes]
- + seabed_elements: list[Elements]
- + current: pandas.DataFrame
- + bathymetry: pandas.DataFrame
- ...

- + write_inp()
- + run_model()
- + post_processing()
- + make_plots(...)
- + run_fatfree()

Inp

- + file: iostream
- + model: Model

- + write_sets()
- + write_steps()
- ...