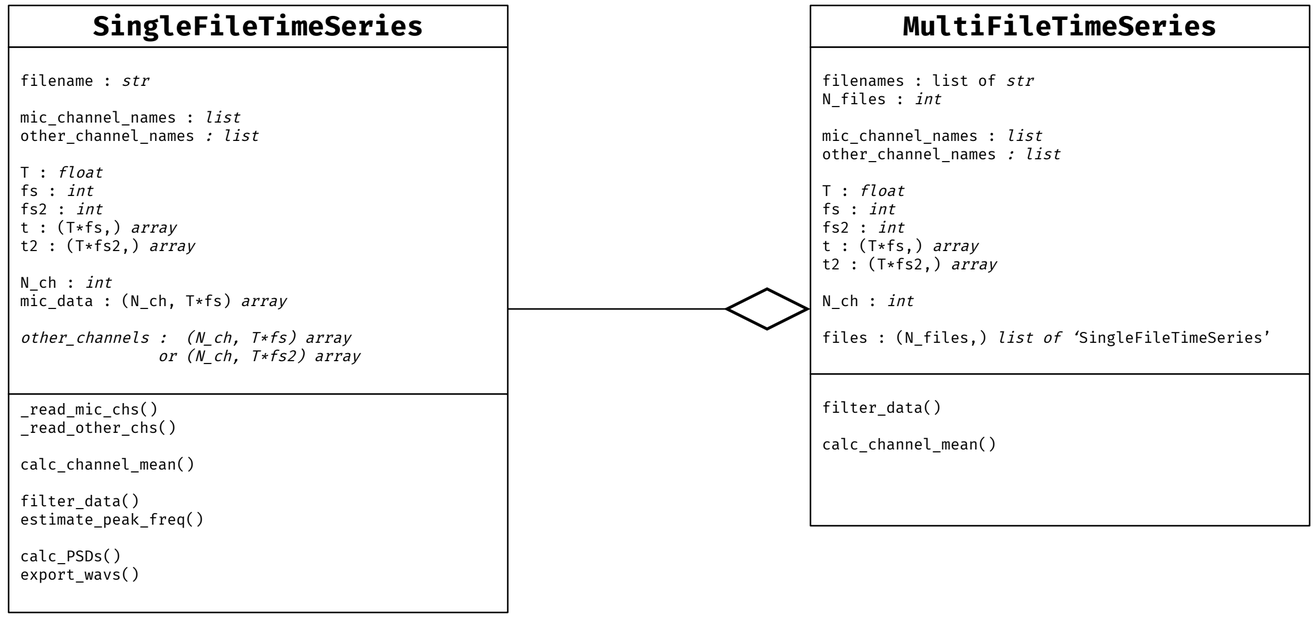
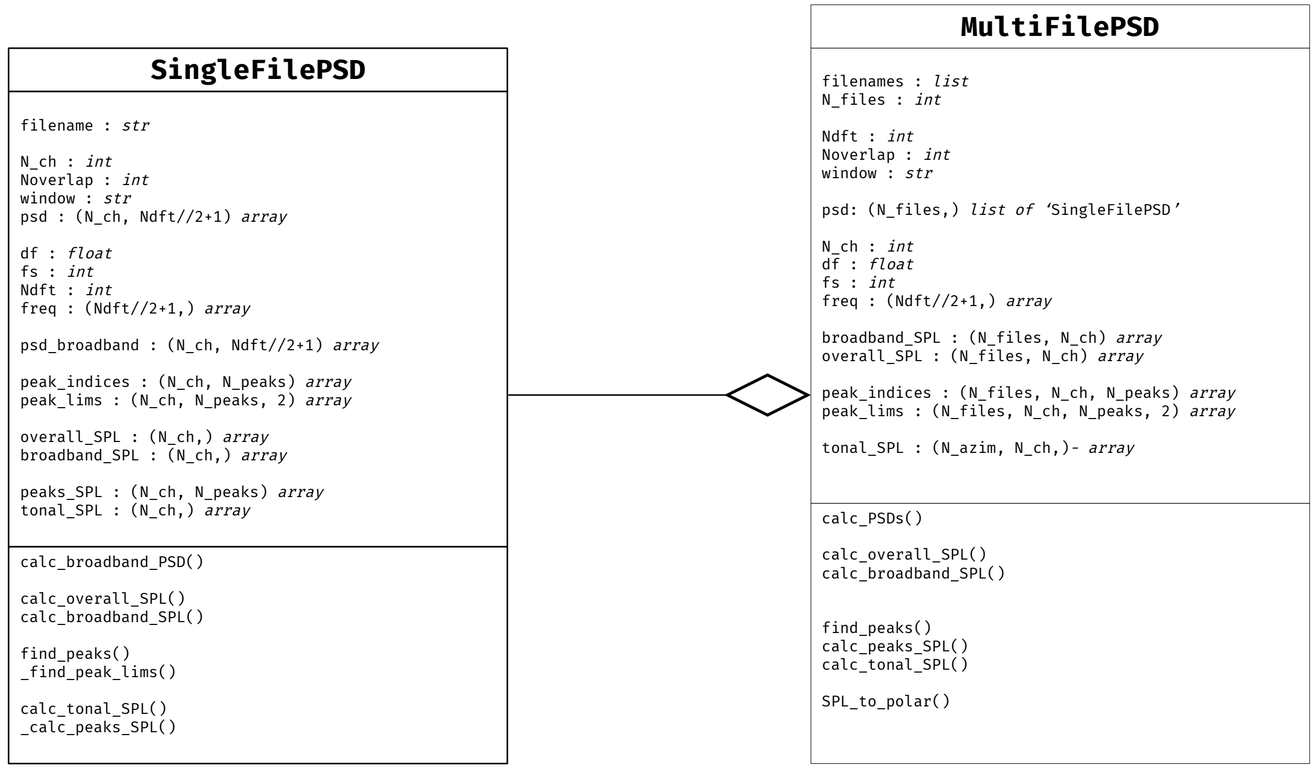
# `salford_mic_arc` Class Diagram

***Red: functionality not implemented***




References on UML / Class Diagrams:

https://www.visual-paradigm.com/guide/uml-unified-modeling-language/uml-class-diagram-tutorial/

https://www.tutorialspoint.com/uml/uml_class_diagram.htm

***TO DO:***

*- class for rotating machinery*
*- N_blades, f_shaft, BPF*
*- recirculation_test*

*- class for reading multiple files*
*- enable filter_data method (iterate over multiple DSRawTimeSeries?)*

**class_name**

attribute1 : *attr1_type*
attribute2 : *attr2_type*

method1()
method2()

**root namespace**

P_REF : *float*
DEFAULT_NDFT : *int*
DEFAULT_NOVERLAP : *int*
DEFAULT_WINDOW : *str*

_calc_spectral_centroid()
calc_ac_power()

| *salford_mic_arc* Class Diagram | |
|---|---|
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