PatternSet

+set_pattern()

+set_ensemble()

+erase_pattern(pattern_id)

+erase_ensemble(ensemble_id)

+size(): size_t

+pattern_size(): size_t

+clone(): PatternSet*

+clone(patterns:vector<pat_id>): PatternSet*

+shuffle()

+pattern(pattern_id): Pattern

+ensemble(ensemble_id): Ensemble

+xml_dump(): XMLRepresentation

+apply_pattern_op(PatternOperator)

+apply_ensemble_op(PatternOperator)

+text_dump()

◄ is slice of

Pattern

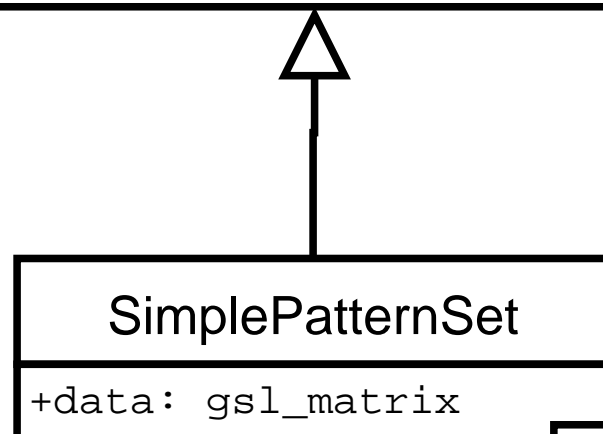+arithmetic_operators()

SimplePatternSet

+data: gsl_matrix

The most trivial implementation depends on the Gnu Scientific Library.