
POSL: A Parallel-Oriented Solver Language

THESIS FOR THE DEGREE OF
DOCTOR OF COMPUTER SCIENCE

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Part I

APPENDIX

2

POSL CLASS DIAGRAMS

In this chapter class diagrams of POSL are presented.

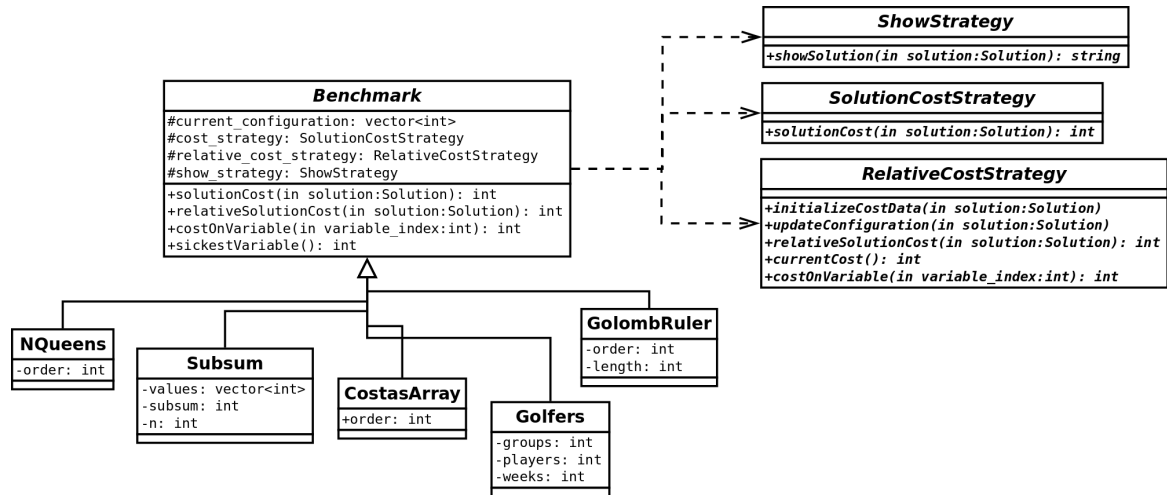


Figure 2.1: Benchmark class diagram

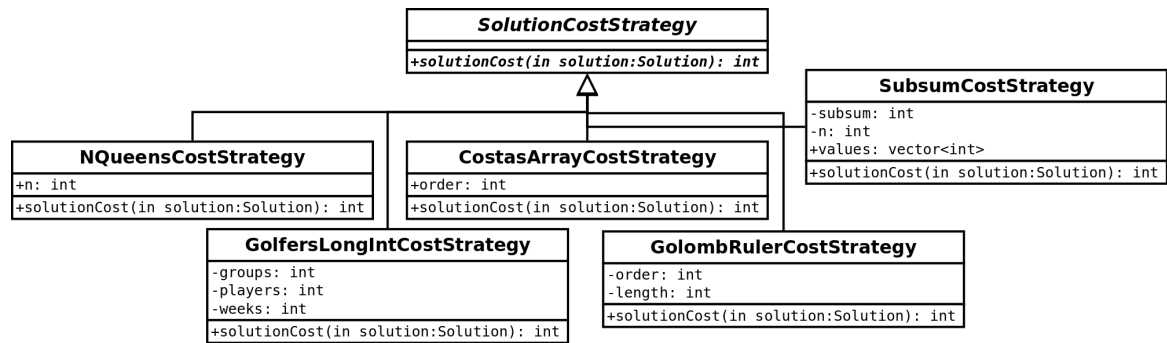


Figure 2.2: Cost strategy class diagram

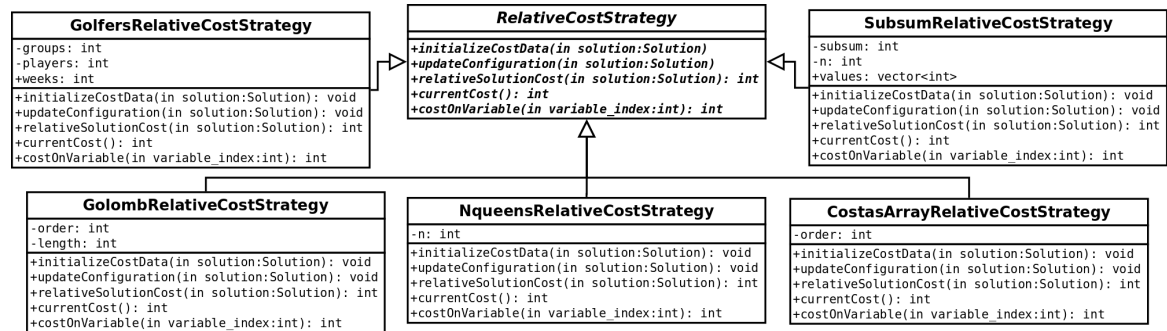


Figure 2.3: Relative cost strategy class diagram

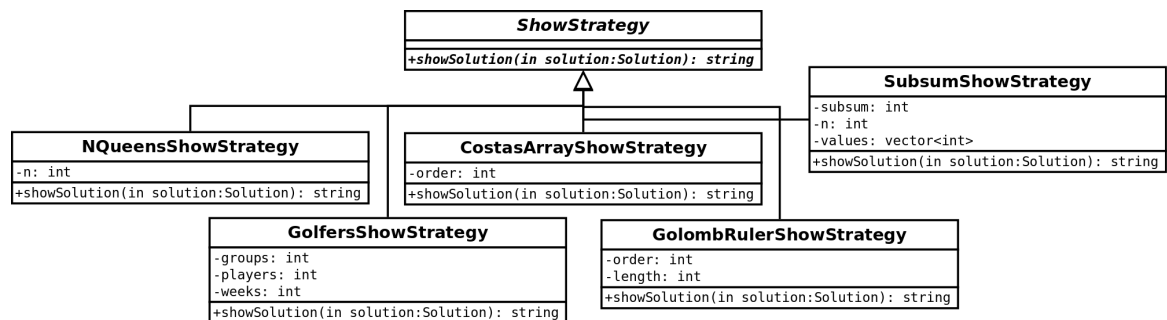


Figure 2.4: Show solution strategy class diagram

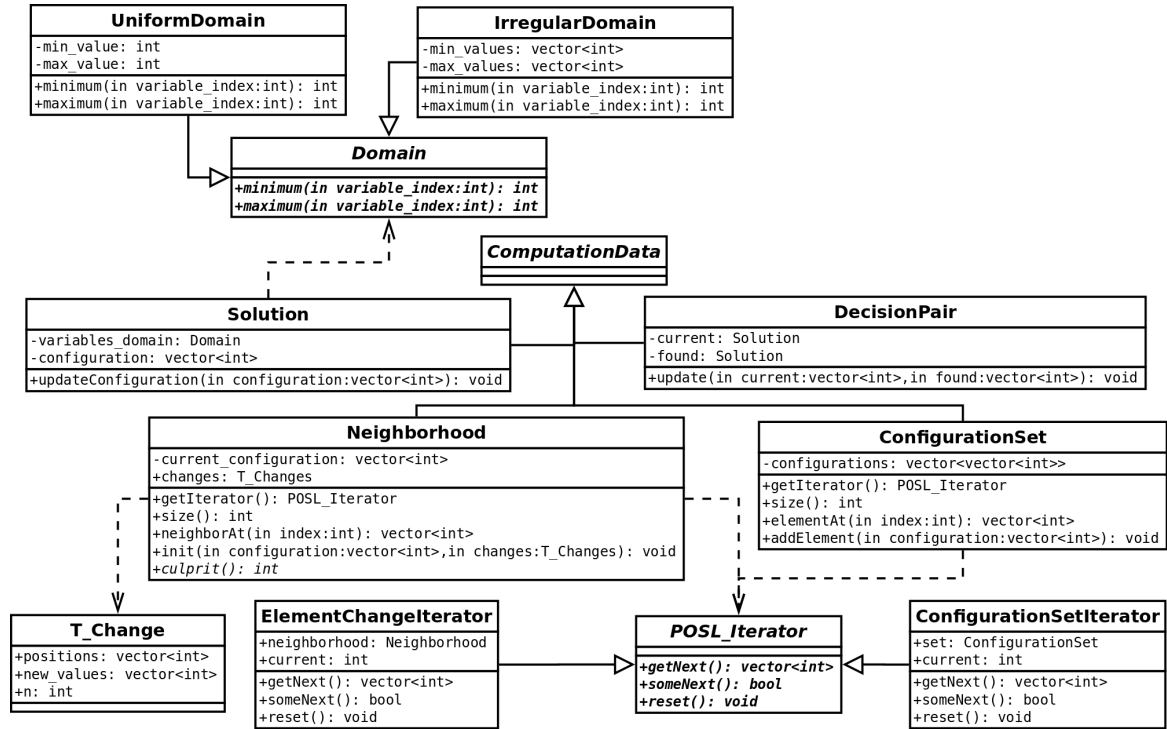


Figure 2.5: POSL data class diagram

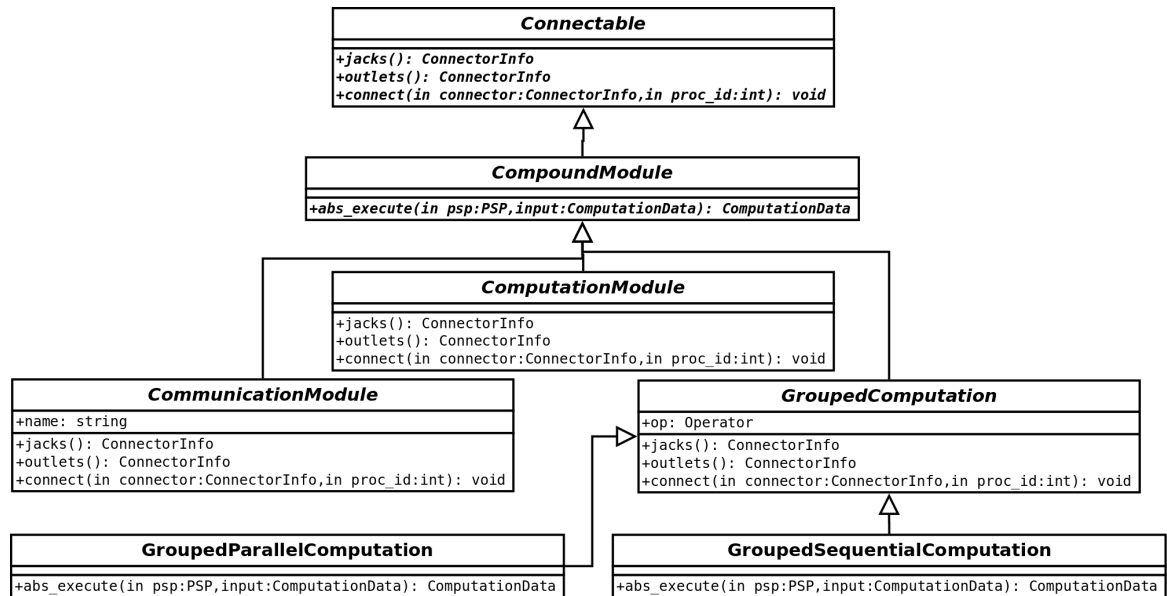


Figure 2.6: Compound modules class diagram

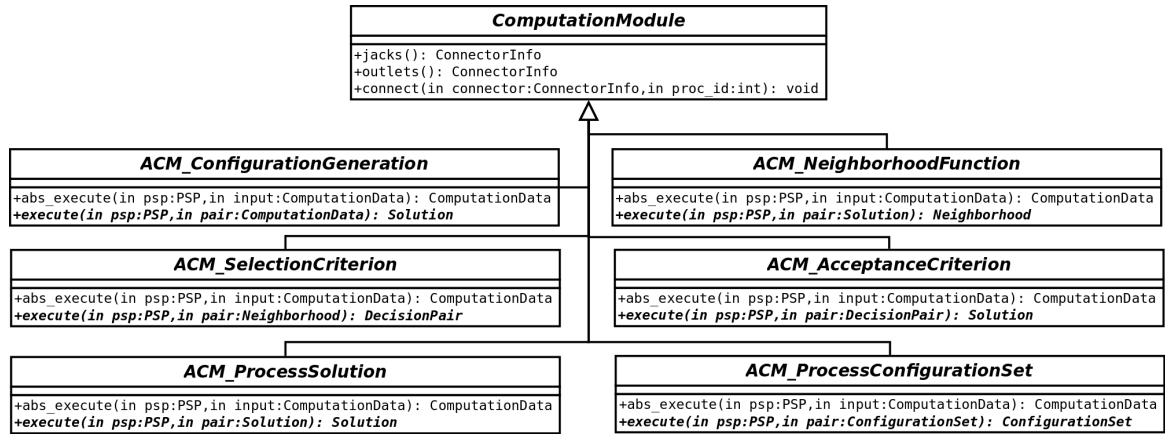


Figure 2.7: Abstract computation modules class diagram

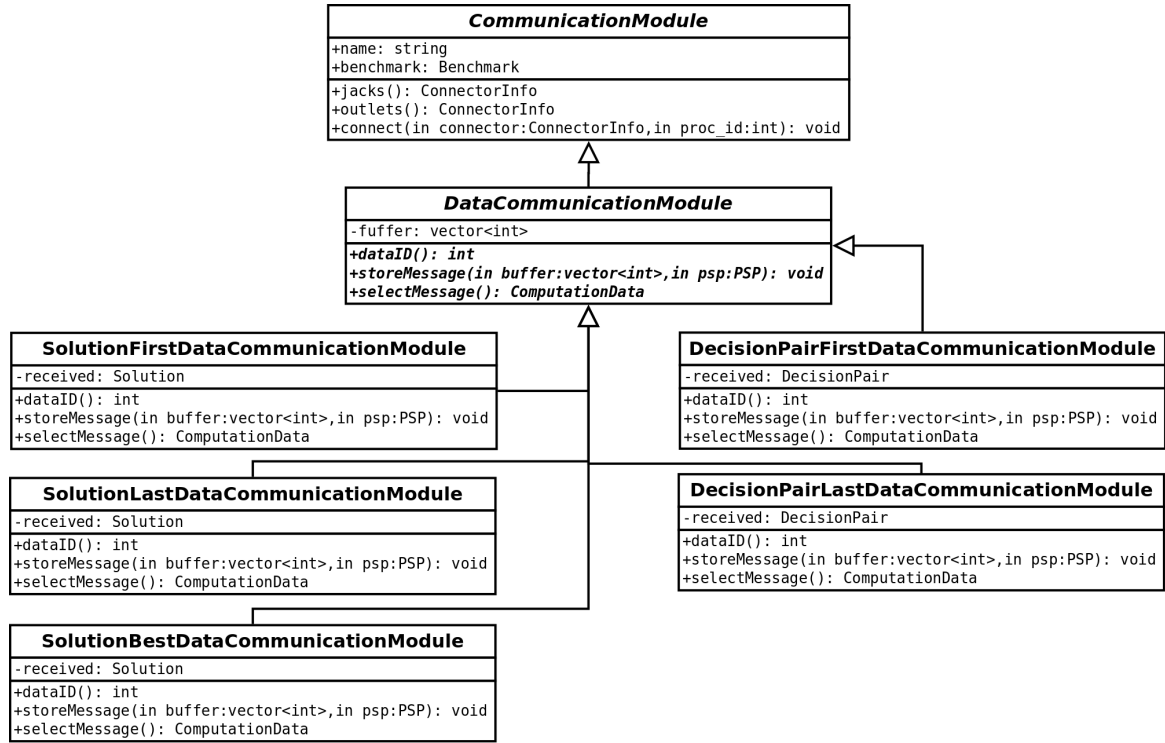


Figure 2.8: Communication modules class diagram

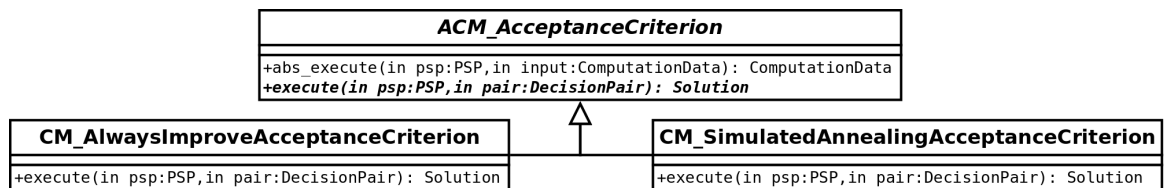


Figure 2.9: Acceptance computation modules class diagram

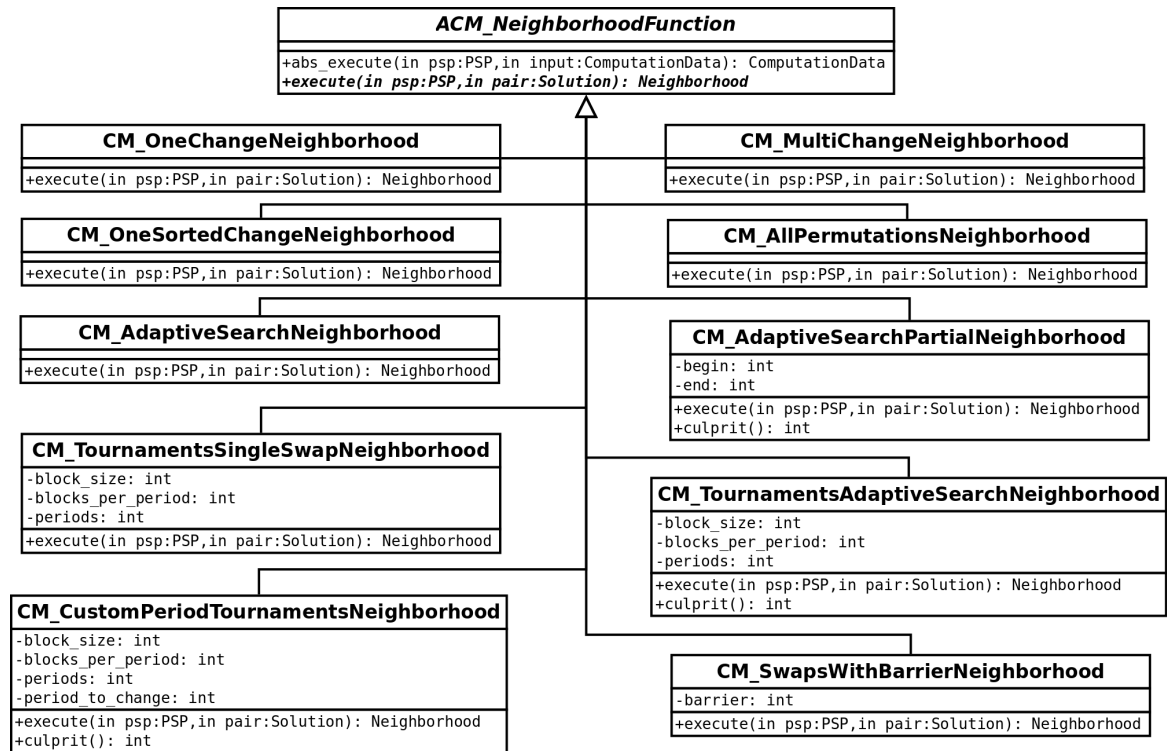


Figure 2.10: Neighborhood computation modules class diagram

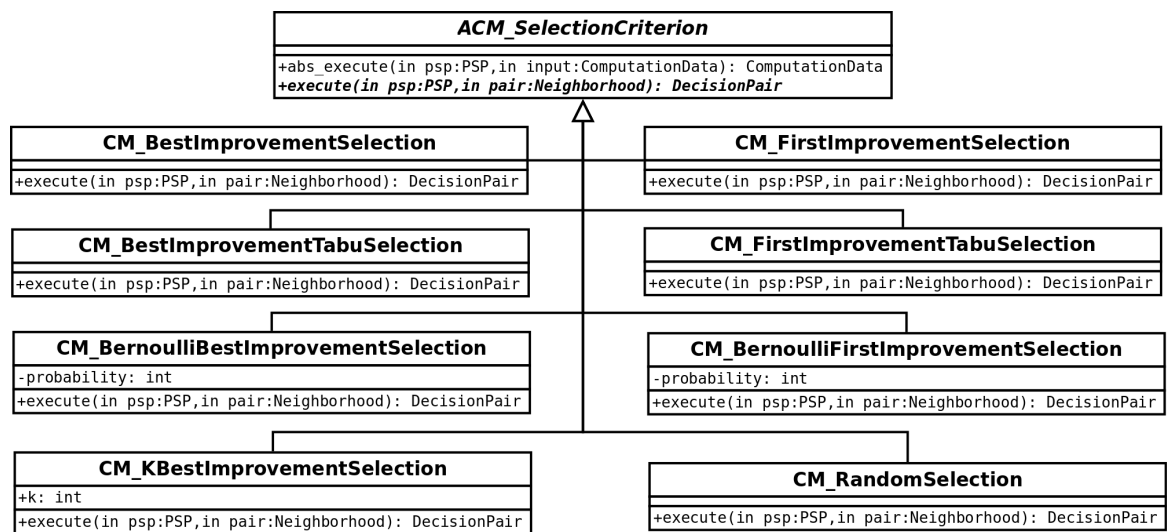


Figure 2.11: Selection computation modules class diagram

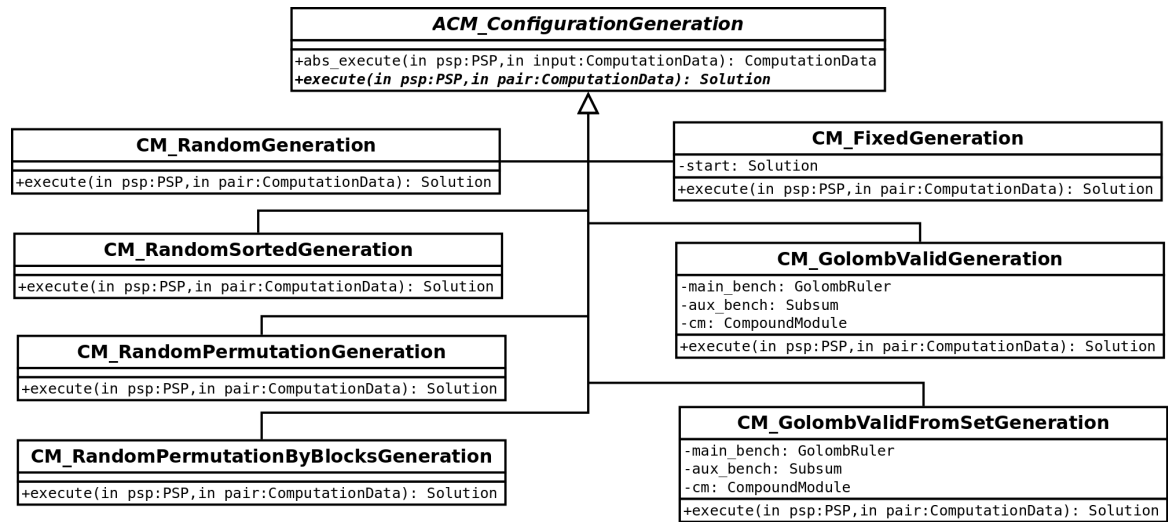


Figure 2.12: Generation computation modules class diagram

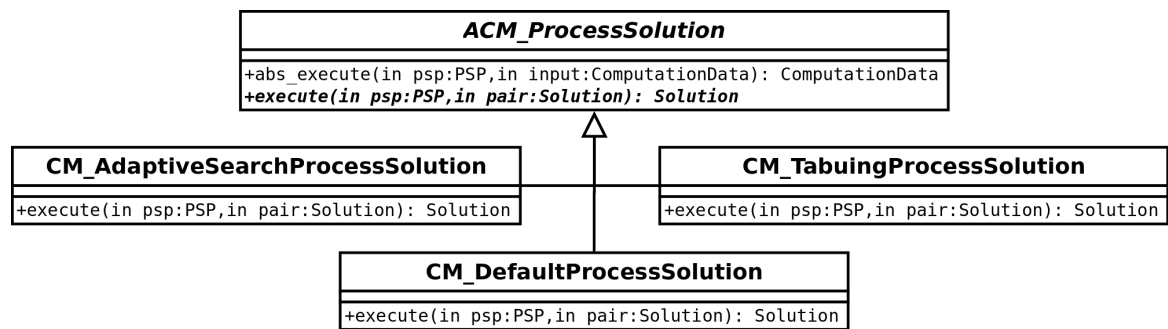


Figure 2.13: Processing solution computation modules class diagram

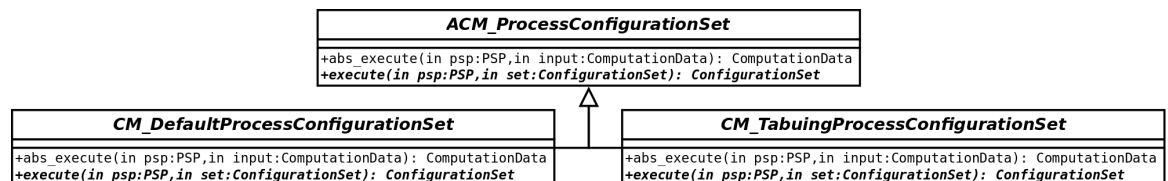


Figure 2.14: Processing configuration-set computation modules class diagram

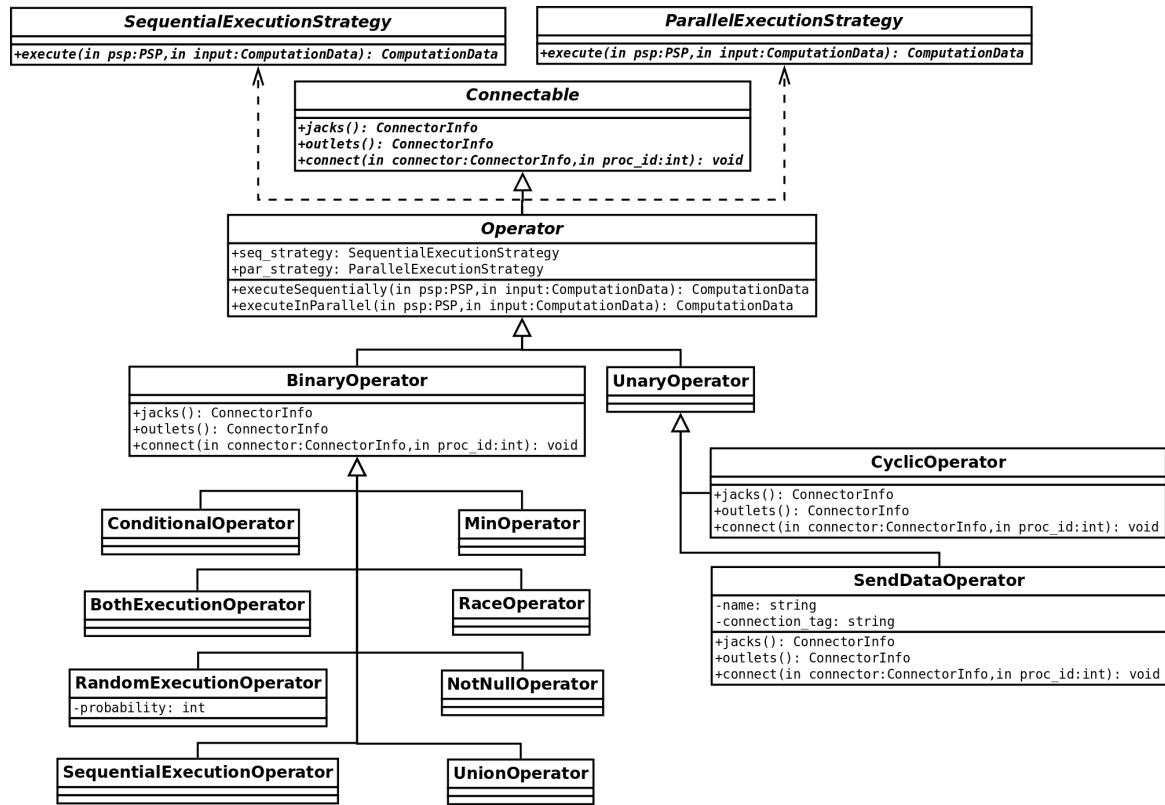


Figure 2.15: Operator class diagram

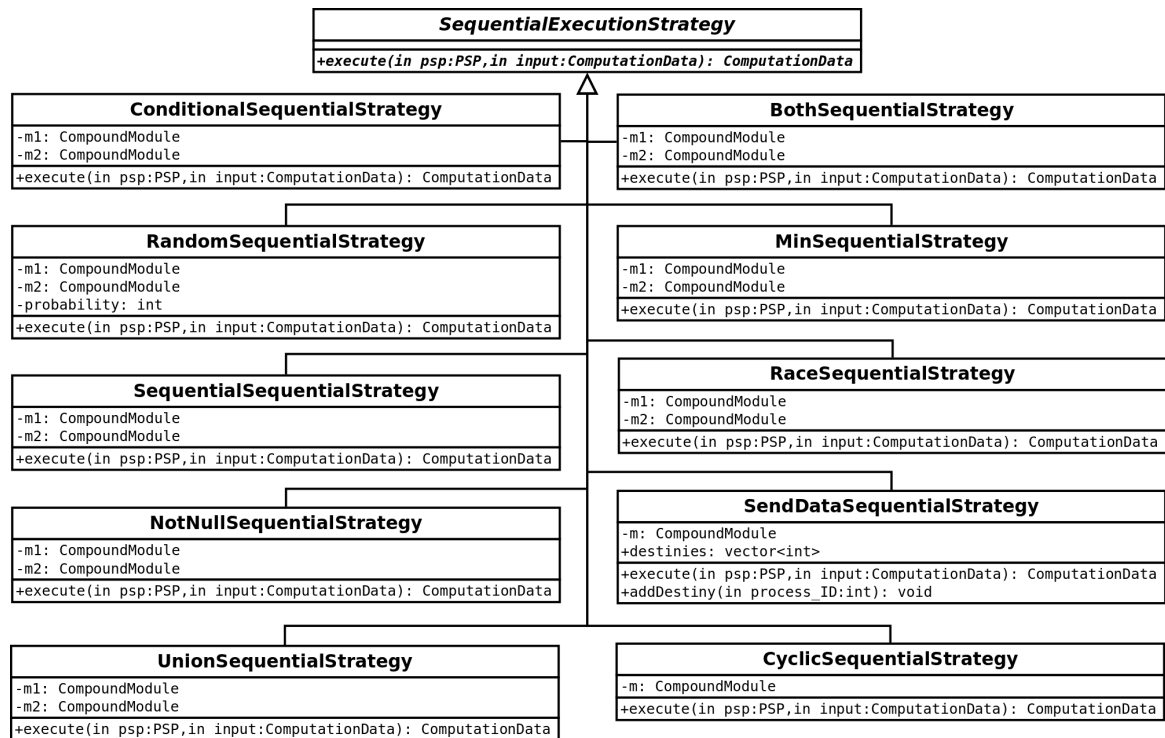


Figure 2.16: Operator sequential strategy class diagram

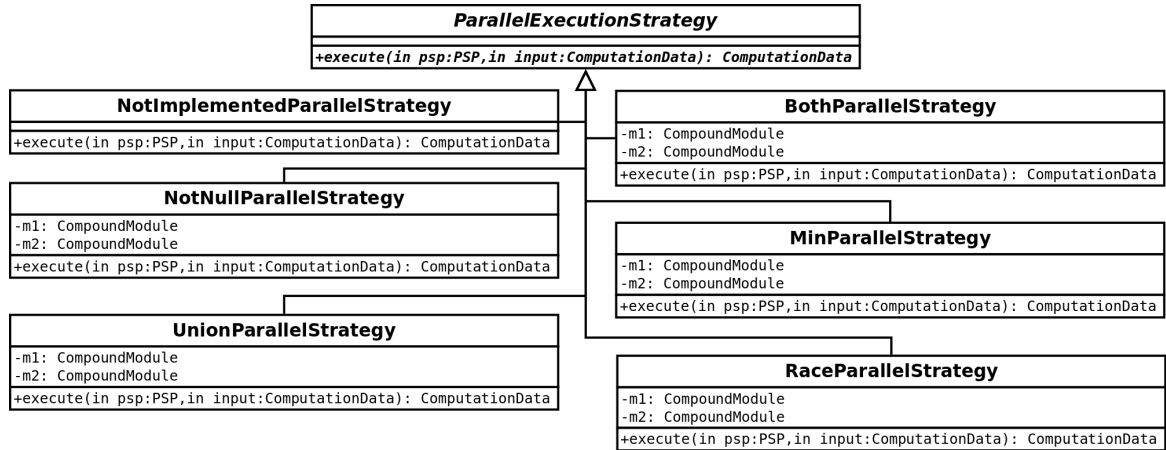


Figure 2.17: Operator parallel strategy class diagram

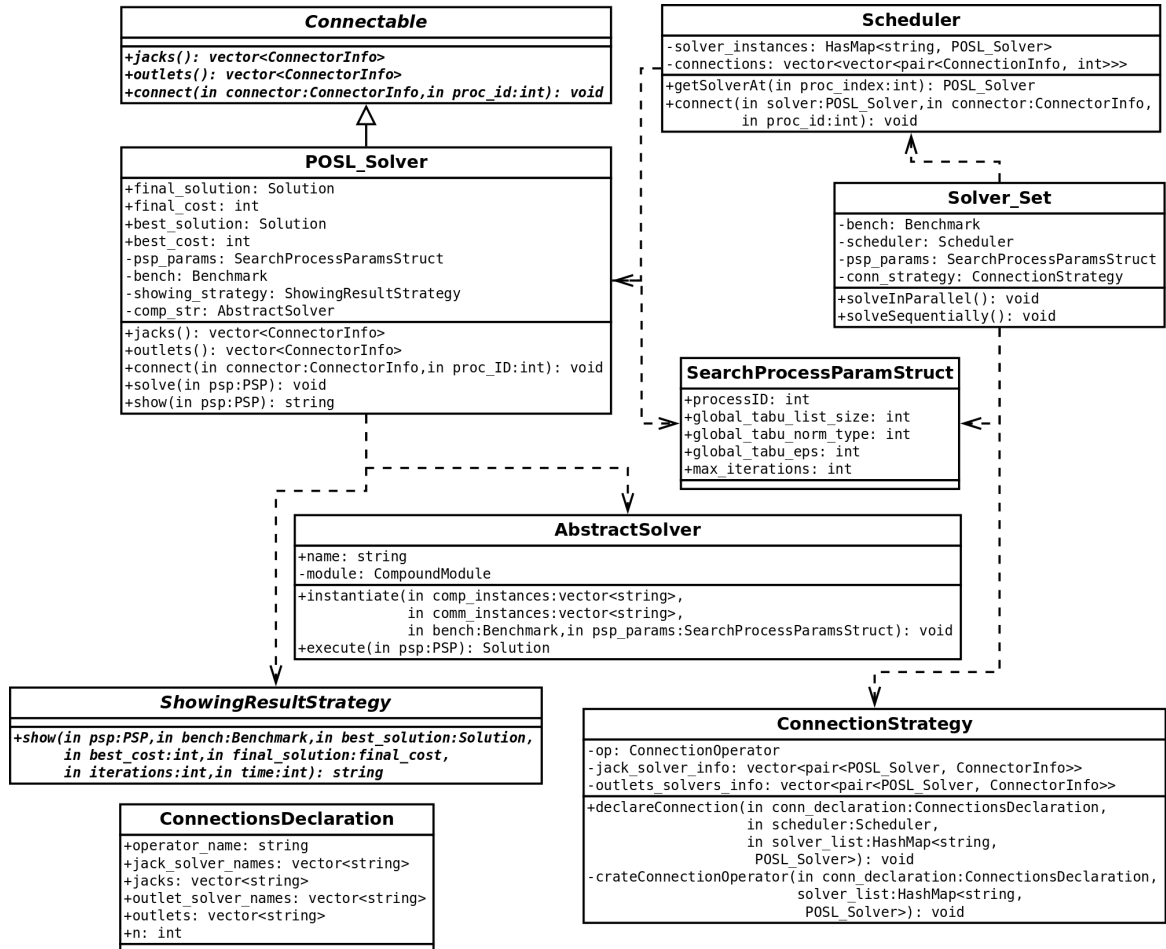


Figure 2.18: Solver Set class diagram

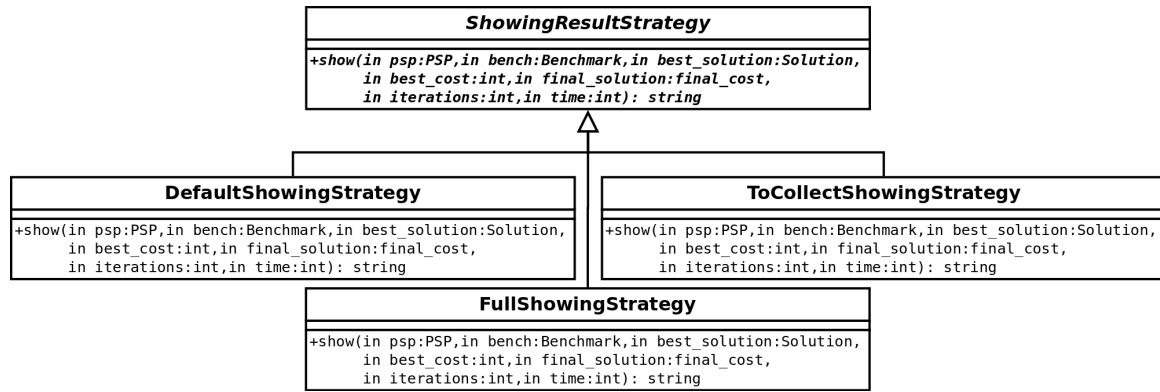


Figure 2.19: Showing result class diagram

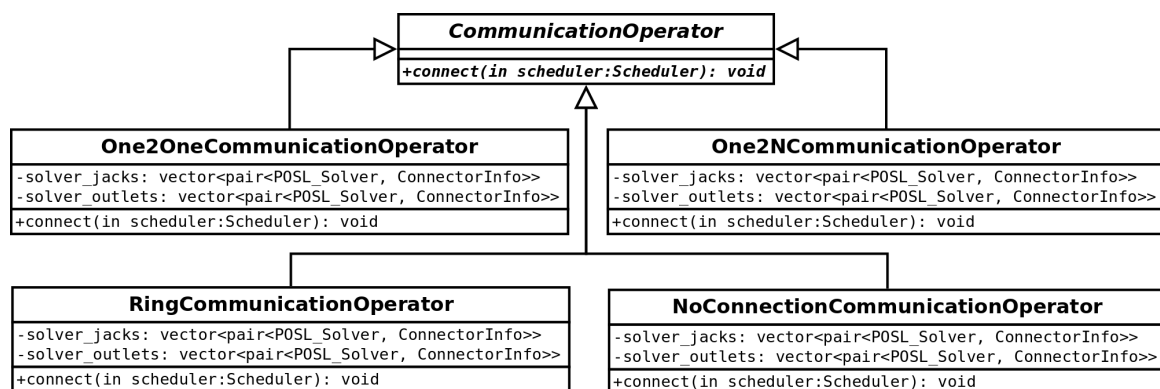


Figure 2.20: Communication operator class diagram