

About 1-Stage Voice Managed Georgian Intellectual Computer System

Main technological aim of subproject
*Foundations of Logical Grammar of Georgian Language
and its Methodological and Technological Applications*
of TSU State Priority Program
*Free and Complete Programming Inclusion of a
Computer in the Georgian Natural Language System*
is to construct the
*1-stage Voice Managed Georgian
Intellectual Computer System*

VMGeointel_1 system

1-stage Voice Managed Georgian Intellectual Computer System



GVmanager_1 System

1-Stage Georgian Voice Manager System

WithDP Mode

Voice DP Mode

For Blind Users

Written DP Mode

For Deaf Users

ON



**Dialog Possibility
(DP) Switcher**

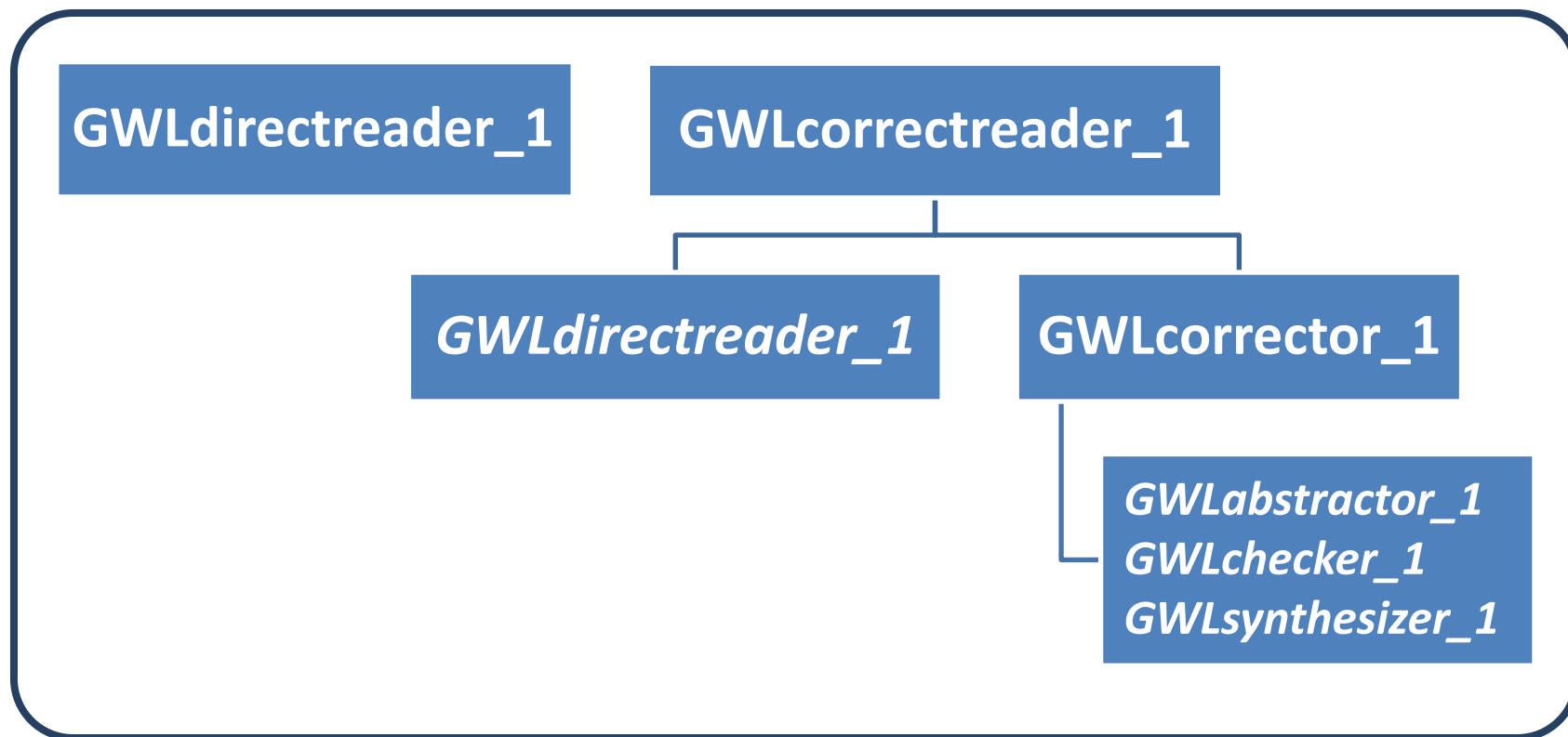
OutDP Mode + Abort & Undo

OFF



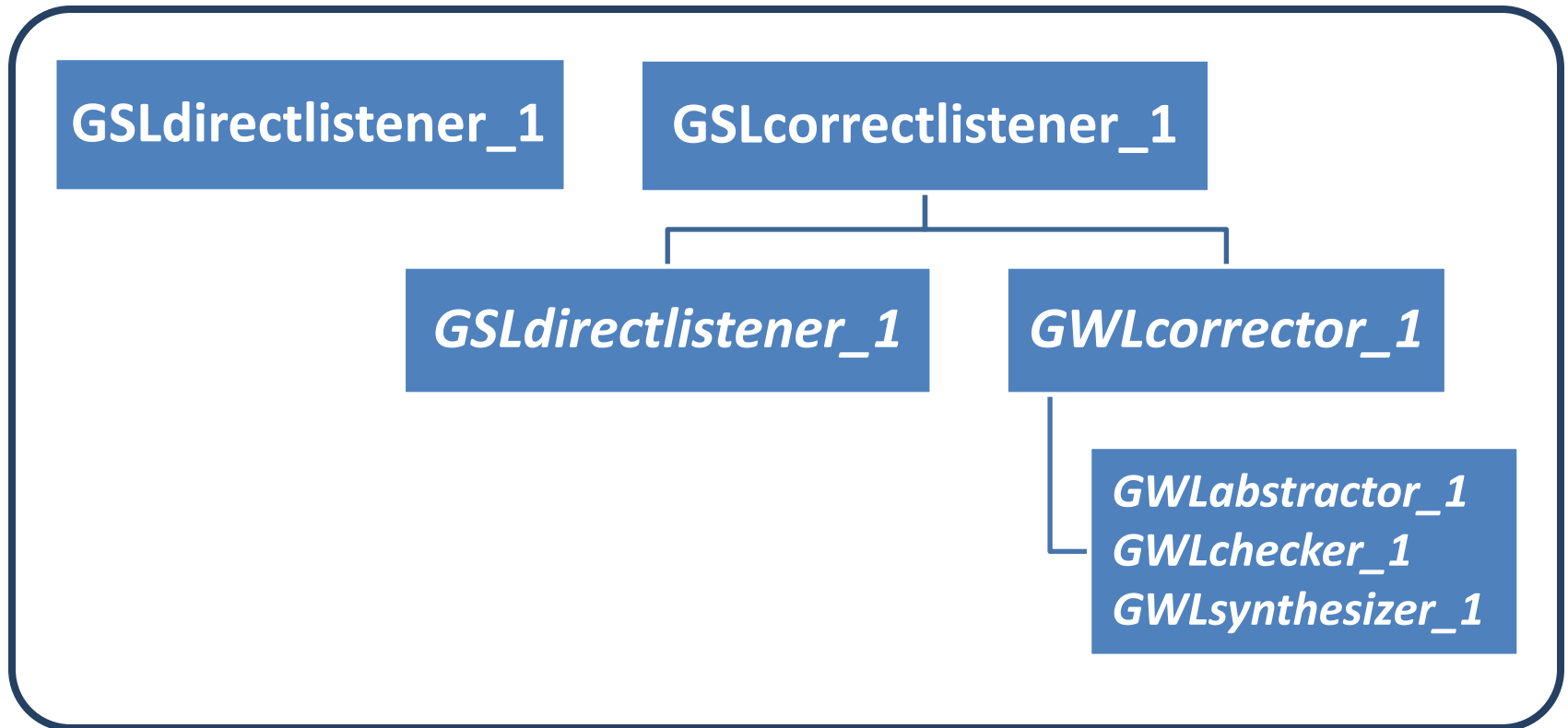
GWreader_1 System

1-Stage Georgian Written Reader System



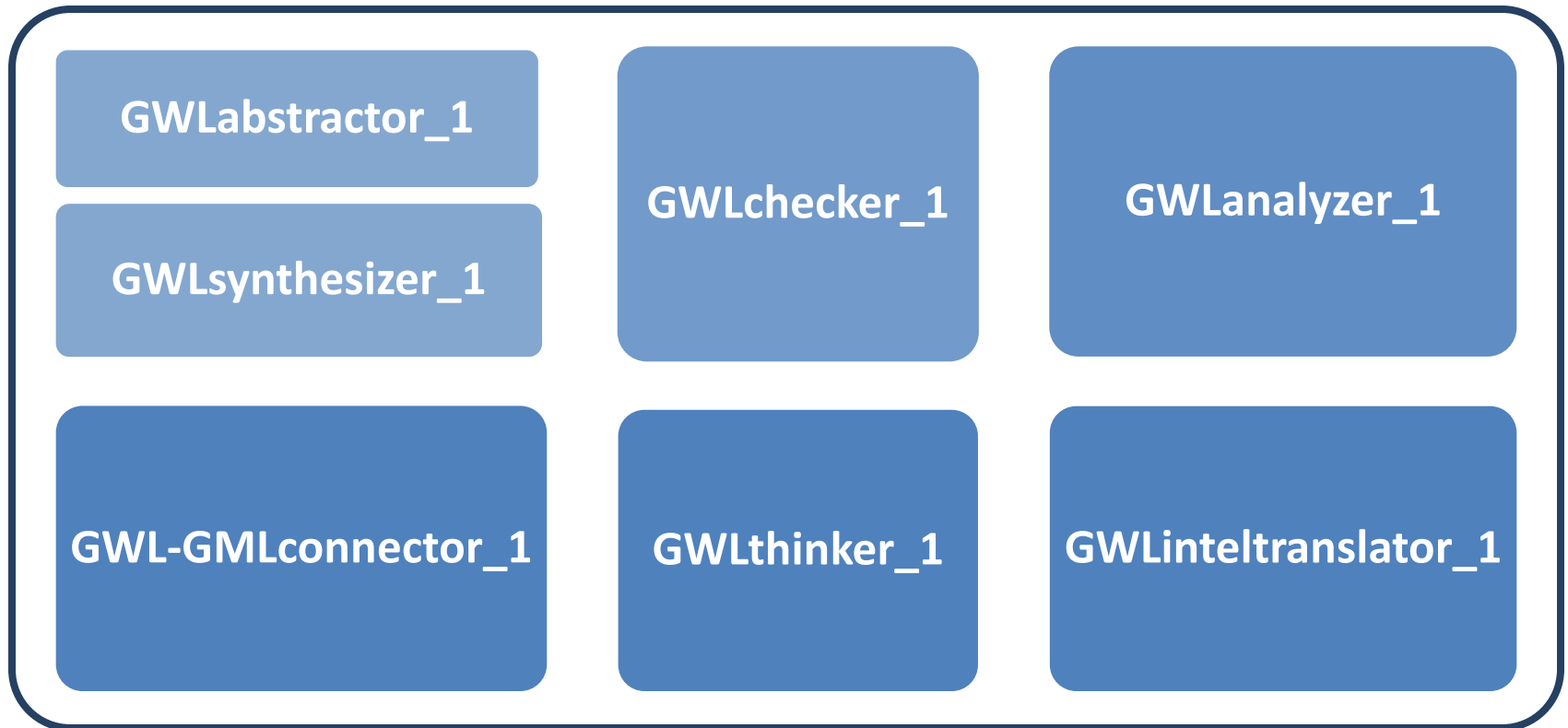
GSlister_1 System

1-Stage Georgian Speech Listener System



GWLintel_1 System

1-Stage GWL intellectual System



GWLintel_1 System

1-Stage GWL intellectual System

GWLabstractor_1

GWLsynthesizer_1

GWLchecker_1

GWLanalyzer_1

GWL-GMLconnector_1

GWLtoGMLreducer_1

GMLtoGWLproducer_1

GWLthinker_1

GWLreasoner_1

GWLtheoremprover_1

GWLtasksolver_1

GWLreasoningchecker_1

GWLinteltranslator_1

GWL-EngWLtranslator_1

GWL-GerWLtranslator_1

EngWL-GerWLtranslator_1

GSLintel_1 System

1-Stage GSL intellectual System

GSlister_1

GSLabstractor_1

GSLsynthesizer_1

GSLchecker_1

GSLanalyzer_1

GSL-GMLconnector_1

GSLthinker_1

GSLinteltranslator_1

GWreader_1

GSLintel_1 & GWLintel_1 Systems

GSlister_1

GSLabstractor_1

GSLsynthesizer_1

GSLchecker_1

GSLanalyzer_1

GSL-GMLconnector_1

GSLthinker_1

GSLinteltranslator_1

GWreader_1

GWLabstractor_1

GWLsynthesizer_1

GWLchecker_1

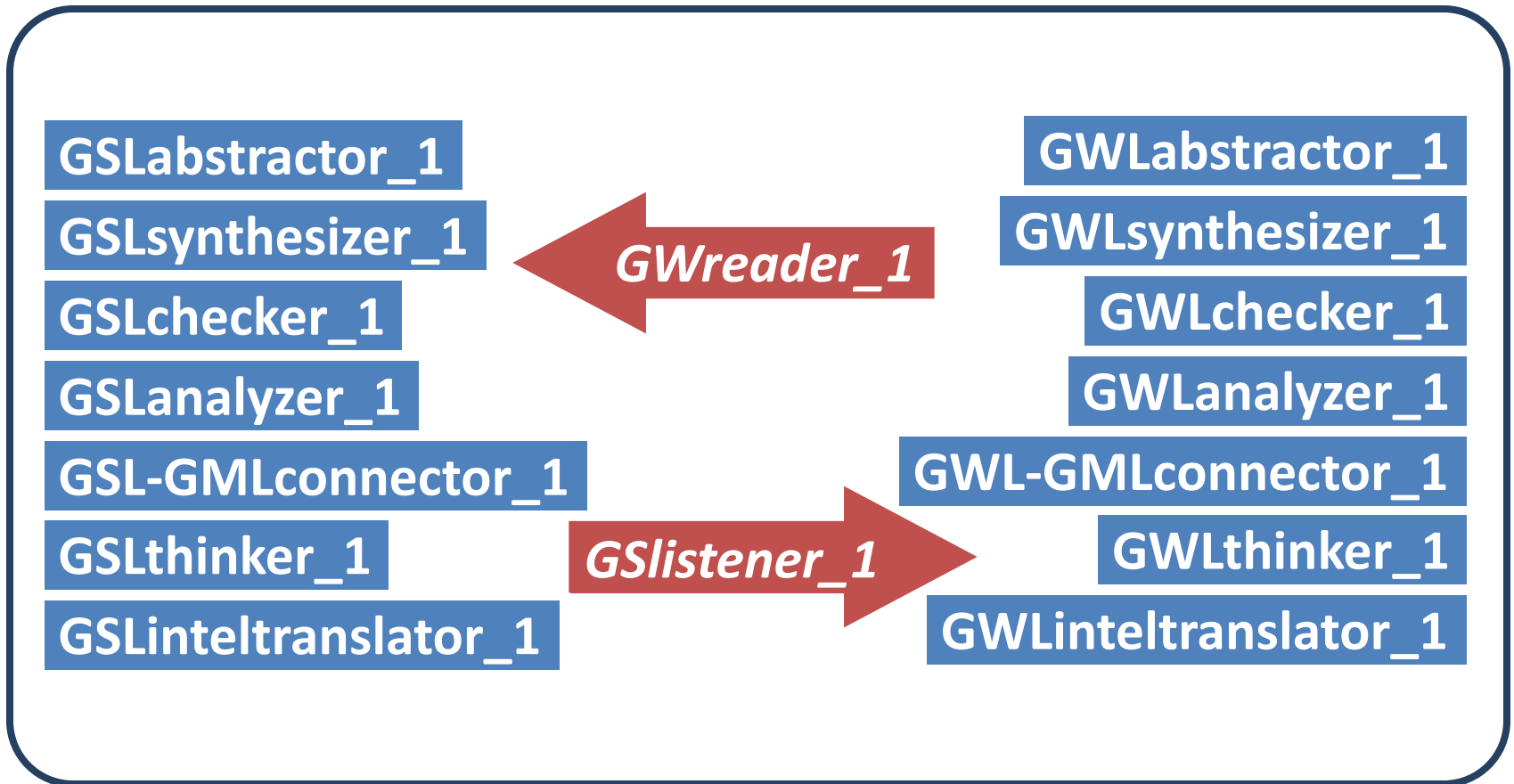
GWLanalyzer_1

GWL-GMLconnector_1

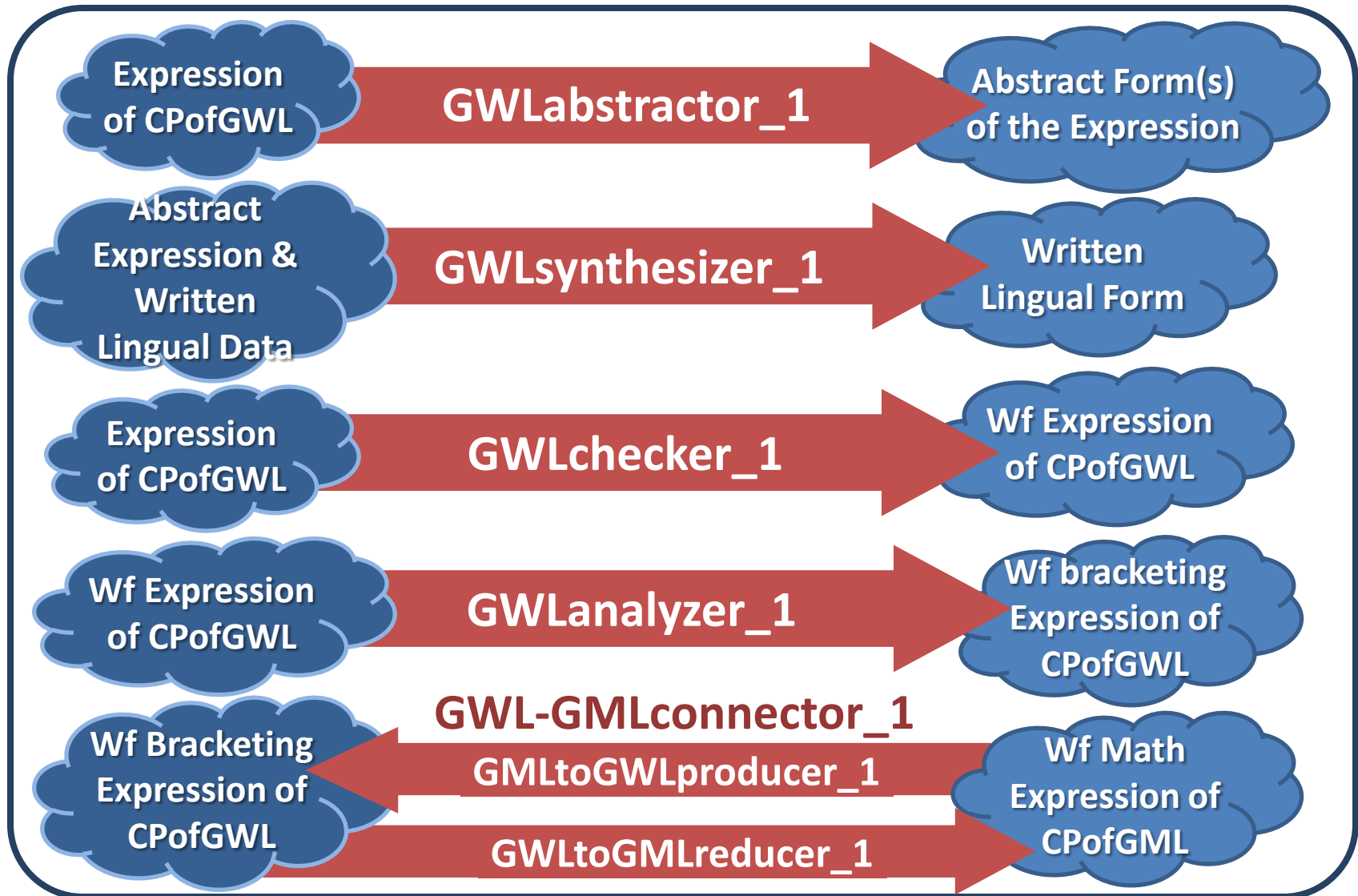
GWLthinker_1

GWLinteltranslator_1

GSLintel_1 & GWLintel_1 Systems



Functionality of Some Subsystems



Functionality of Some Subsystems

GWLthinker_1

GWLreasoner_1

GWLtheoremprover_1

GWLtasksolver_1

GWLreasoningchecker_1

GWLinteltranslator_1

GWL-EngWLtranslator_1

GWL-GerWLtranslator_1

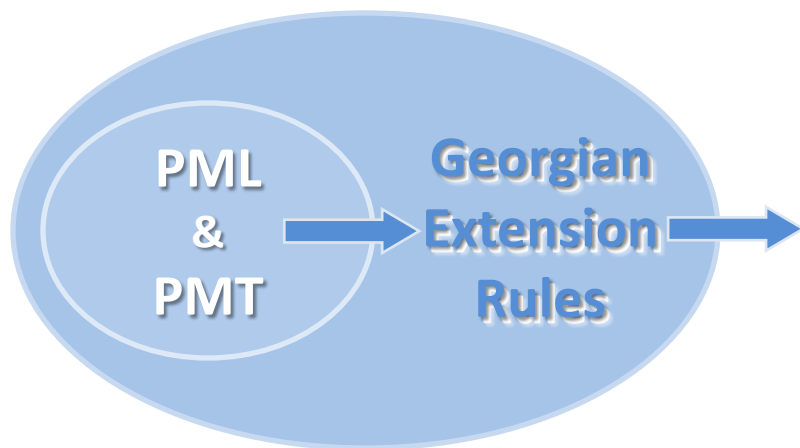
EngWL-GerWLtranslator_1

Extension of PML to GNL

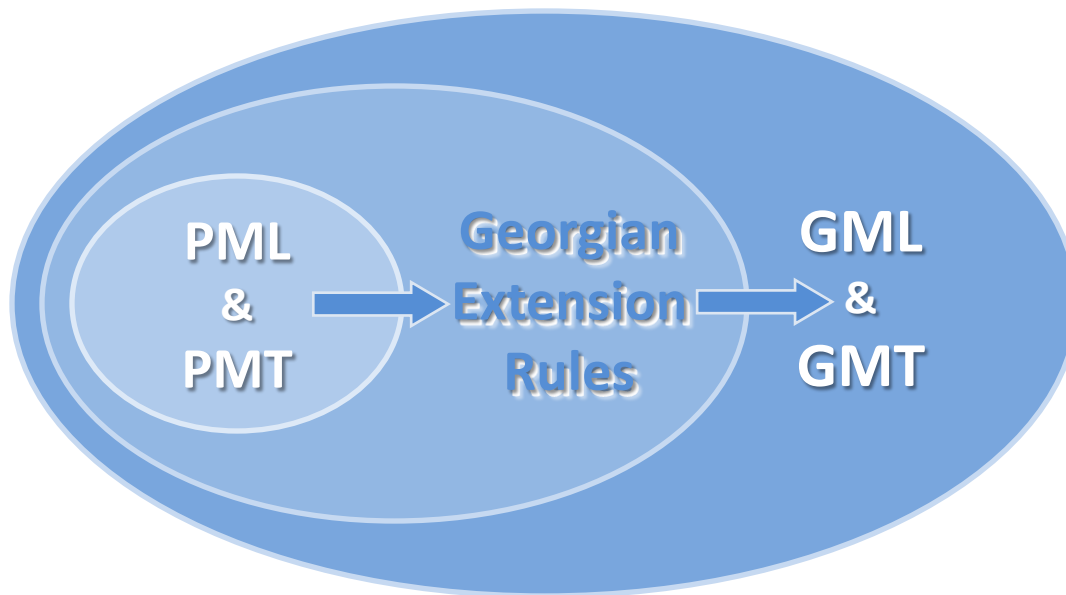


PML
&
PMT

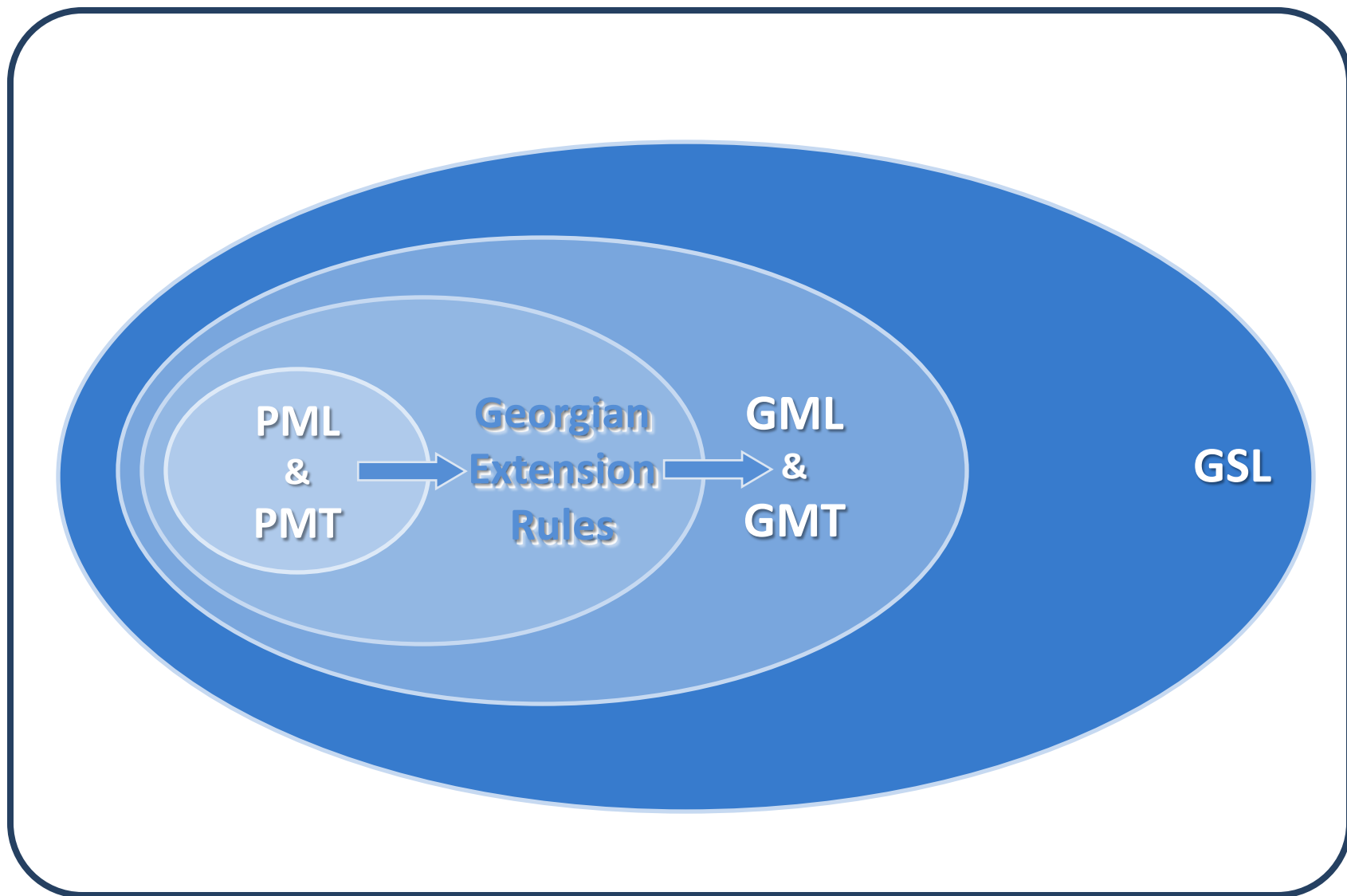
Extension of PML to GNL



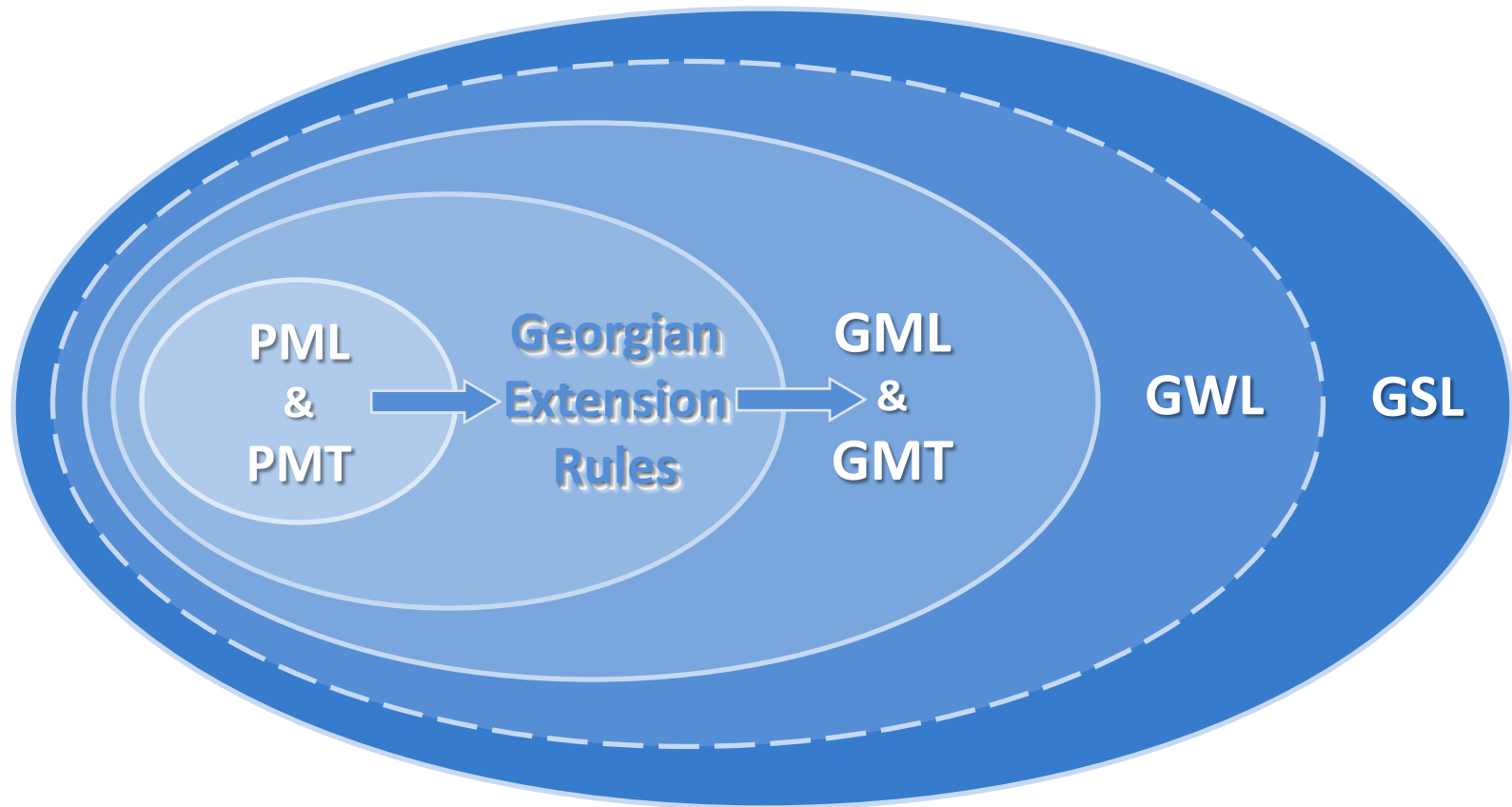
Extension of PML to GNL



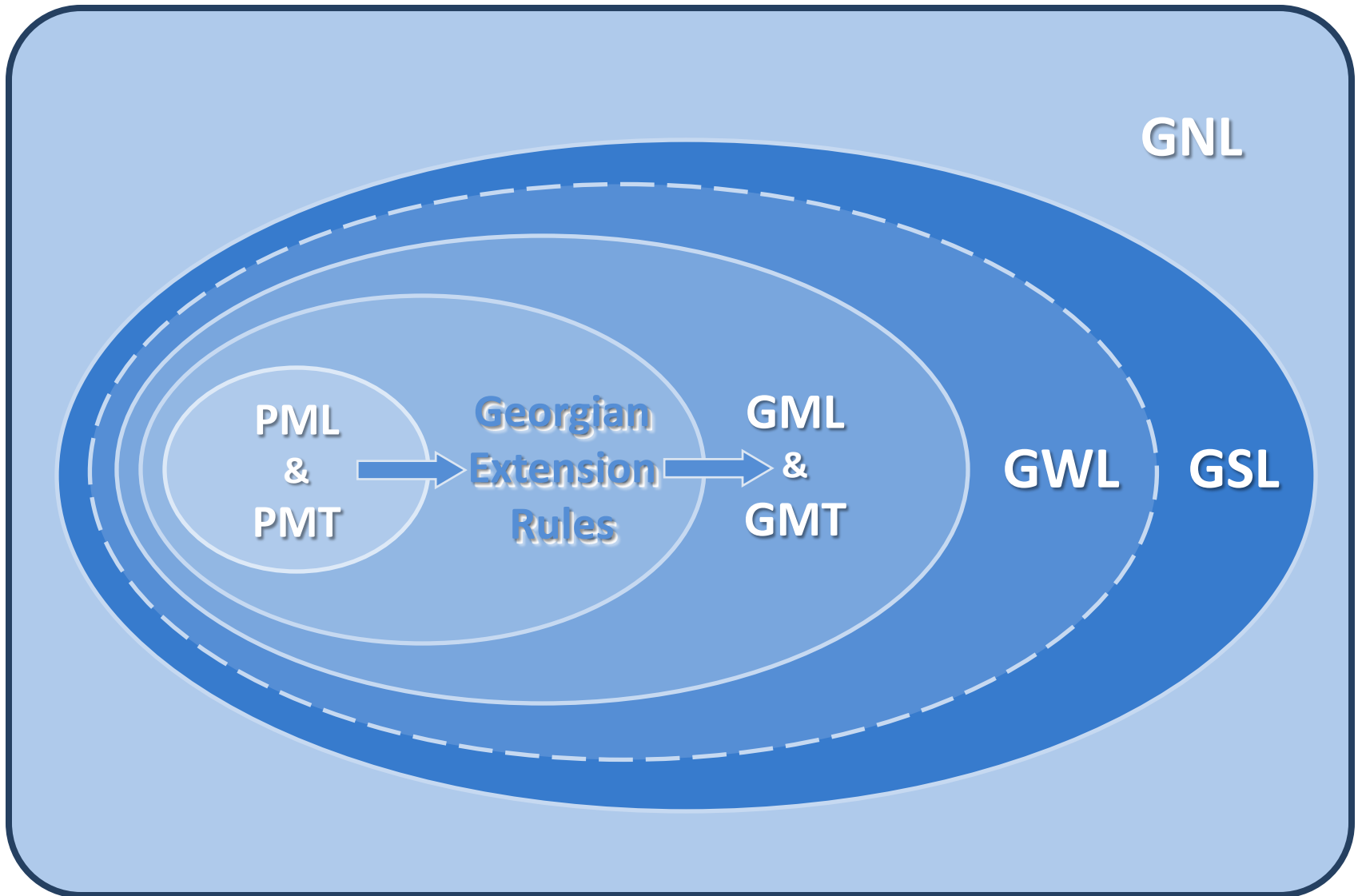
Extension of PML to GNL



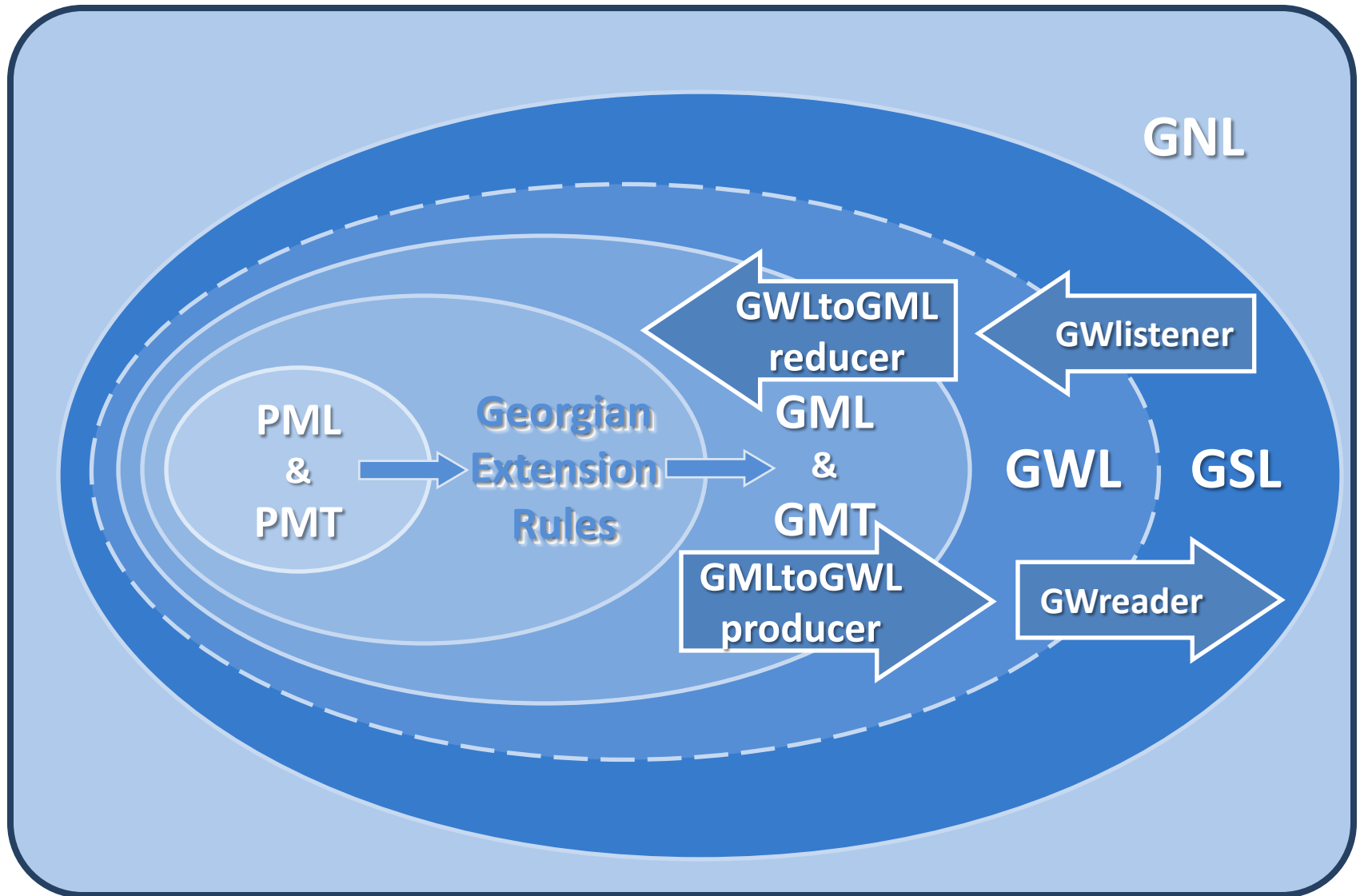
Extension of PML to GNL



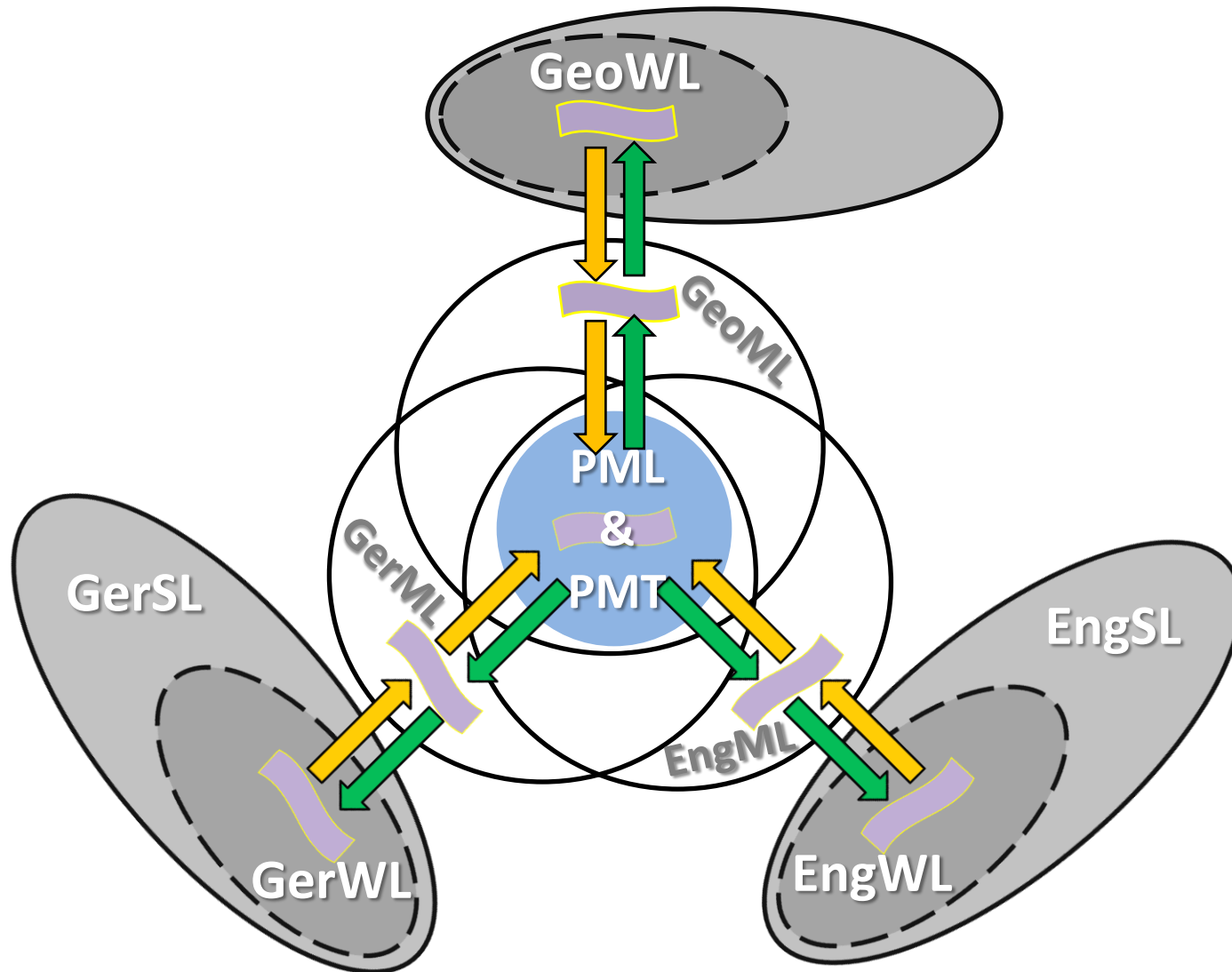
Extension of PML to GNL



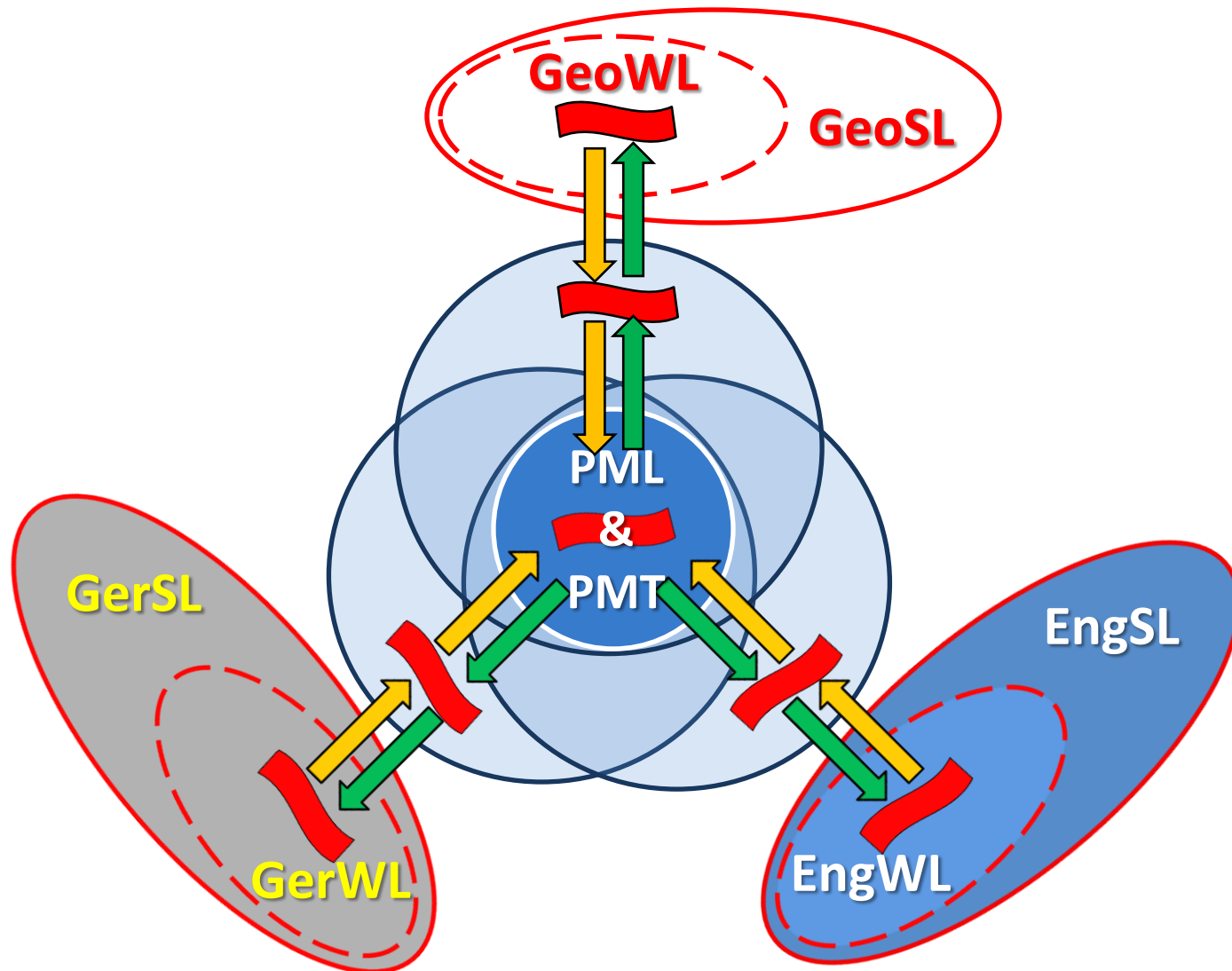
Extension of PML to GNL



Translation Method Based on PML



Translation Method Based on PML



Thank You