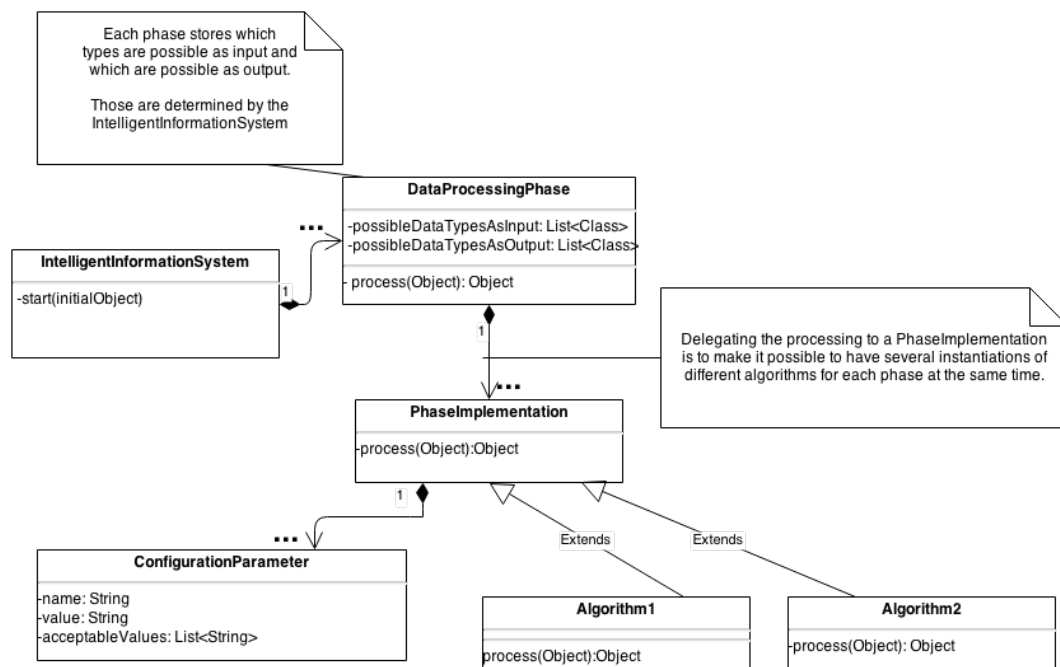# UML Design and Named Entity Recognition Implementation with UIMA SDK

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September 24, 2014

1 Domain diagram for IntelligentInformationSystem

2 Domain diagram for AnalysisEngine

AnalysisEngine

-start(initialObject)

AEImplementation

-possibleDataTypesAsInput: List<Class>
-possibleDataTypesAsOutput: List<Class>

-process(Object):Object

1

...

1

ConfigurationParameter

-name: String
-value: String

...

Extends

Extends

Algorithm1

process(Object):Object

Algorithm2

-process(Object): Object