Analysis

Patterns

rule “Check Approval Required”

when //Conditions

cl: Claim()

cl1: Claims(claimAmount >= 10000)

then //Actions

cl.setHrApprovalRequired(true);

System.out.println(“---->” + cl.getHrApprovalRequired());

end

pattern binding

pattern

restriction

* Business Rule Management System (BRMS)
* Developed by RedHat
* Written in Java
* Pattern can be used in the THEN part of the rule

Positives

* Free To Download/OpenSource
* Plugins readily available for intelliJ IDEA (because it is written in Java)
* Forward and backward chaining (can “link” rules to rules)
* Can replace large and complex decisions in Java with a single rule method call allowing the engine to process the logic (simplification of code)
* Compared to using traditional programming, Drools programming is easy to maintain

Negatives

* Development Team (and by proxy, Product Manager and Scrum Master) have to understand the ins and outs of Drools to program it and troubleshoot it
* More memory consumption