1. **How drools are used in the framework with examples.**

Drools rules are triggering in this frame work through @Config annotations by passing drools name as a query string as part of url.

Example :rule= taskcompletion

Here SetByRuleFunctionalHandler handler will handle the entire drools execution life cycle

This handler configured with function name “\_setByRule”

Any url with above function followed by rule then this handler execute the rules.

Example :

@Config(url = "/\_process?fn=\_setByRule&rule=taskcompletion")

@Bean(name="default.\_process$execute?fn=\_setByRule")

SetByRuleFunctionalHandler

Droolfile : taskcompletion.drl.

**Drools life cycle :**

Set the rules to knowledge base and validate .

Once the validation successful by knowledge base it will execute the rules.

Examples :

rule "rule to evaluate task completion"

when

$view : DefaultParamState()

then

String val = (String)$view.findStateByPath("/attr\_task1");

if(StringUtils.equalsIgnoreCase(val, "Complete")) {

$view.findParamByPath("/attr\_evalbpmn").setState("COMPLETE");

}

end

Description :

When above drool file get triggered findStateByPath will return the status of the Param.

If status complete then using setter method updating other param status