**Entries in the Rule Set area**

| **Keyword** | **Value** | **Usage** |
| --- | --- | --- |
| RuleSet | The package name for the generated DRL file. Optional, the default is rule\_table. | Must be First entry. |
| Sequential | "true" or "false". If "true", then salience is used to ensure that rules fire from the top down. | Optional, at most once. If omitted, no firing order is imposed. |
| EscapeQuotes | "true" or "false". If "true", then quotation marks are escaped so that they appear literally in the DRL. | Optional, at most once. If omitted, quotation marks are escaped. |
| Import | A comma-separated list of Java classes to import. | Optional, may be used repeatedly. |
| Variables | Declarations of DRL globals, i.e., a type followed by a variable name. Multiple global definitions must be separated with a comma. | Optional, may be used repeatedly. |
| Functions | One or more function definitions, according to DRL syntax. | Optional, may be used repeatedly. |
| Queries | One or more query definitions, according to DRL syntax. | Optional, may be used repeatedly. |
| Declare | One or more declarative types, according to DRL syntax. | Optional, may be used repeatedly. |

| **Keyword** | **Initial** | **Value** |
| --- | --- | --- |
| PRIORITY | P | An integer defining the "salience" value for the rule. Overridden by the "Sequential" flag. |
| DURATION | D | A long integer value defining the "duration" value for the rule. |
| TIMER | T | A timer definition. See "Timers and Calendars". |
| ENABLED | B | A Boolean value. "true" enables the rule; "false" disables the rule. |
| CALENDARS | E | A calendars definition. See "Timers and Calendars". |
| NO-LOOP | U | A Boolean value. "true" inhibits looping of rules due to changes made by its consequence. |
| LOCK-ON-ACTIVE | L | A Boolean value. "true" inhibits additional activations of all rules with this flag set within the same ruleflow or agenda group. |
| AUTO-FOCUS | F | A Boolean value. "true" for a rule within an agenda group causes activations of the rule to automatically give the focus to the group. |
| ACTIVATION-GROUP | X | A string identifying an activation (or XOR) group. Only one rule within an activation group will fire, i.e., the first one to fire cancels any existing activations of other rules within the same group. |
| AGENDA-GROUP | G | A string identifying an agenda group, which has to be activated by giving it the "focus", which is one way of controlling the flow between groups of rules. |
| RULEFLOW-GROUP | R | A string identifying a rule-flow group. |

**Example 8.1. Rules file**

**package *package-name***

***imports***

***globals***

***functions***

***queries***

***rules***

**rule** ***"name"***

***attributes***

**when**

***LHS***

**then**

***RHS***

**end**