

Microsoft Business Rule Composer – Quick Start Guide

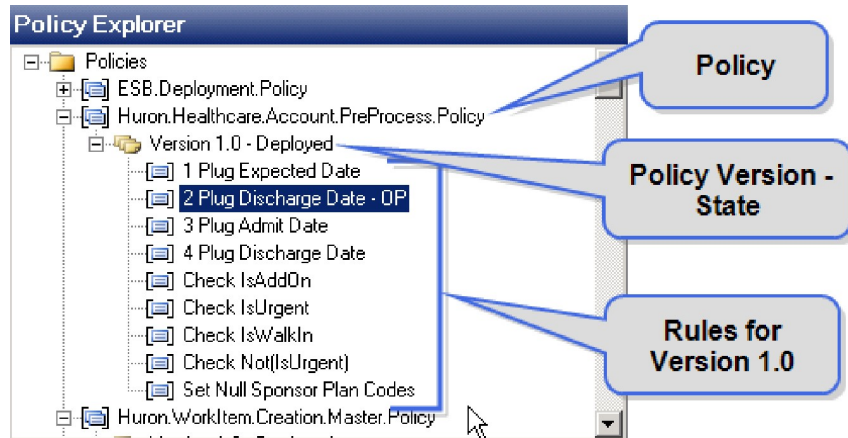
To start the Business Rule Composer on the Aeos application server,
on the **Apps** screen, click **Business Rule Composer** in the **Microsoft BizTalk Server** group.

The screenshot displays the Microsoft Business Rule Composer application window. The interface is divided into several panes and sections:

- Policy Explorer:** Located on the left, it shows a tree view of policies. A callout box labeled "Policy Explorer" with the text "create policies that contain one or more rules" points to this pane.
- Conditions Editor:** The main central area displays the rule logic. It starts with an "IF" condition block containing an "AND" group of conditions:
 - `HasPropertyChangedValue [ParentObjId = Visit.Id | ParentObjType = Visit | PropertyName = PatientExpectedLiability | WMAP = WMAP]`
 - `(Visit . DischargeDate or MinDate) is equal to MinDate`
 - `(Visit . PatientExpectedLiability or 0) is greater than (Visit . TotalPatientPaymentsToDate or 0)`
 - `WorkItem.IsActive [DomainId = Visit.Id | WorkItemType = FE | WMAP = WMAP]`Below this is a "NOT" condition:
 - `Task.IsActive [DomainId = Visit.Id | WorkItemType = FE | TaskTypeCode = ELAX | WMAP = WMAP]`A callout box labeled "Conditions Editor" with the text "specify a condition for a rule" points to this section.
- Facts Explorer:** Located below the Policy Explorer, it shows a tree view of vocabularies. A callout box labeled "Facts Explorer" with the text "drag facts into the Conditions or Actions Editor" points to this pane.
- Properties Window:** Located at the bottom left, it shows the properties of the selected rule, "FE - ELAX - Expected Liability Change". It includes a "General" tab with fields for "Active" (True), "Name" (FE - ELAX - Expected Liability), and "Priority" (0). A callout box labeled "Properties Window" with the text "describes the selected item" points to this pane.
- Actions Editor:** The bottom right section displays the "THEN" clause of the rule, which contains an "Actions" group with the following action:
 - `Exception.Create [DomainId = Visit.Id | WorkItemType = FE | TaskTypeCode = ELAX | TaskStatusCode = UW | ReapplyTask = False | Ev`A callout box labeled "Actions Editor" with the text "specify actions that are executed when the condition evaluates to true" points to this section.

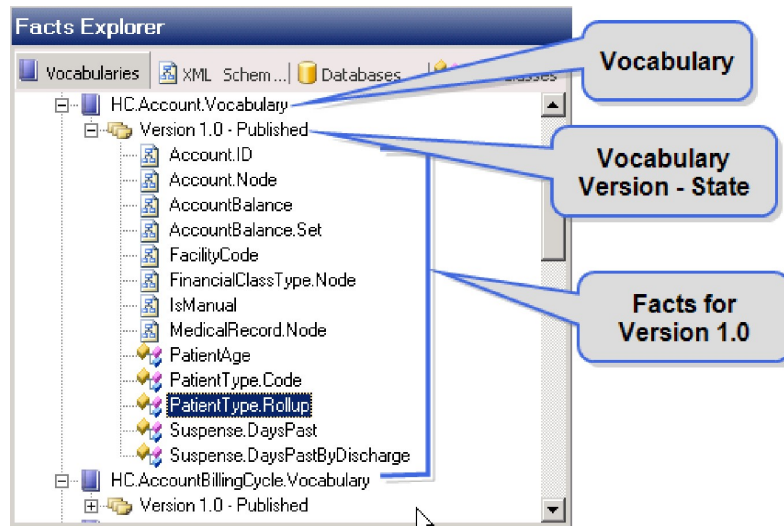
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A **policy** is a logical grouping of business rules which are evaluated all at once against a message that is passed in from the application. There are three states for a policy: unpublished, published and deployed.

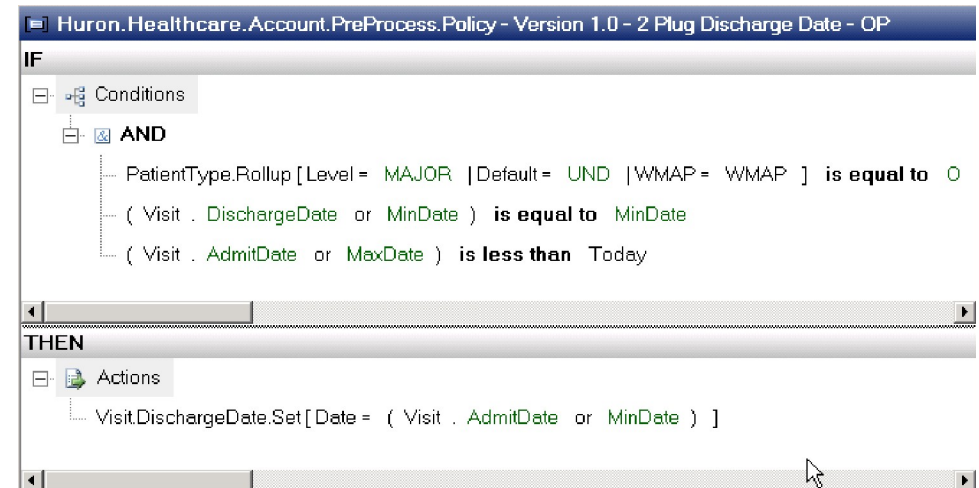


A **fact** is information, such as a function or field name, used during condition evaluation or set during rule firing.

A **vocabulary** is a collection of definitions consisting of related available facts. A vocabulary **definition** is a fact property providing a user-friendly display name and logical organization for grouping.



A **rule** is an IF/THEN statement that evaluates conditions based on facts and executes all actions (known as “rule firing”) for any combination of facts that are true. A rule belongs to a **policy**. Conditions use prefix notation to build AND, OR and NOT logical statements.



To view the Huron-specific .NET methods that you can use in the Facts Explorer:

1. Click the **.NET Classes** tab and right-click **.NET Assemblies**.
2. Click **Browse** and select **Huron.WorkManagement.Business.Rules**.

