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## Developer's Guide

[Create a Rules Package](#)

# Create a Rules Package



**Purpose:** To create a rules package for your application.

Rules are mandatory for managing actionable events generated from the SYSTEM and BUSINESS event flows submitted by the Browser Tier. To add rules, you must create a package, then a set of rules.

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## Create a Rules Package



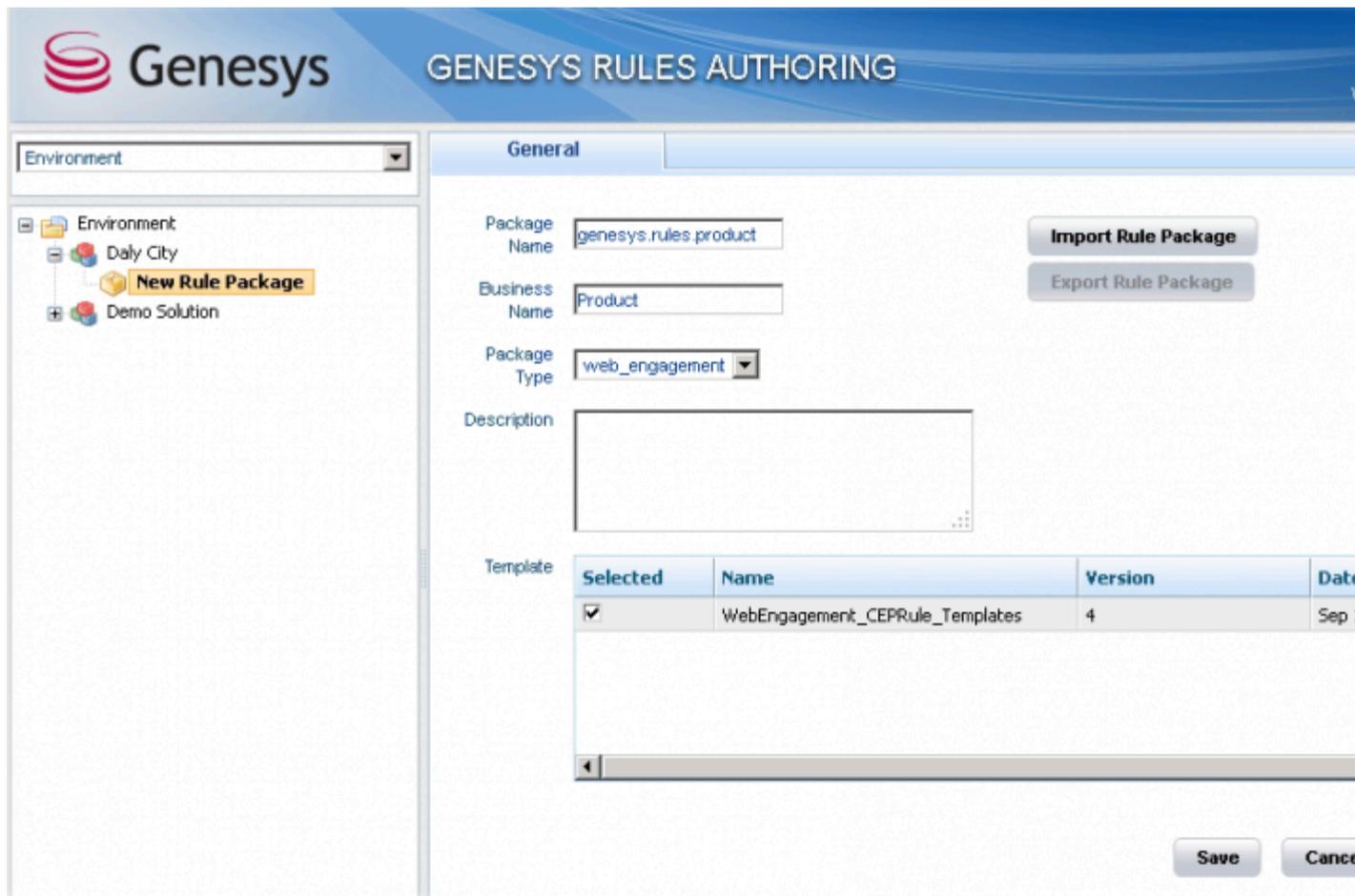
**Purpose:** To create the Rules package associated with your Web Engagement application. The following section is an example of Rules package creation. For further information about rules creation, refer to the [Genesys Rules System Deployment Guide](#).

### Prerequisites

- Genesys Rules Authoring, version 8.1.200.17 and later, is installed.
- [Roles are configured to enable your user to create rules.](#)

### Start

1. Navigate to Environment > Solution > New Rule Package.
2. In the General tab:
  - Enter a Package Name—for example, `myproject.rules.products`;
  - Enter a Business Name—for example, Products;
  - Select `web_engagement` for Package Type. `WebEngagement_CEPRule_Templates` appears in the Template table;
  - Optionally, enter a description;
3. Select `WebEngagement_CEPRule_Templates` in the Template table.



GWENewPackageGRA.PNG

Click Save.

4. Click Save.

### End

Only one package of rules can be active in the selected Web Engagement Backend Server. Create all your rules in the same package for your application.

### Next Steps

 [Create Rules in the Rules Package](#)

## Create Rules in the Rules Package



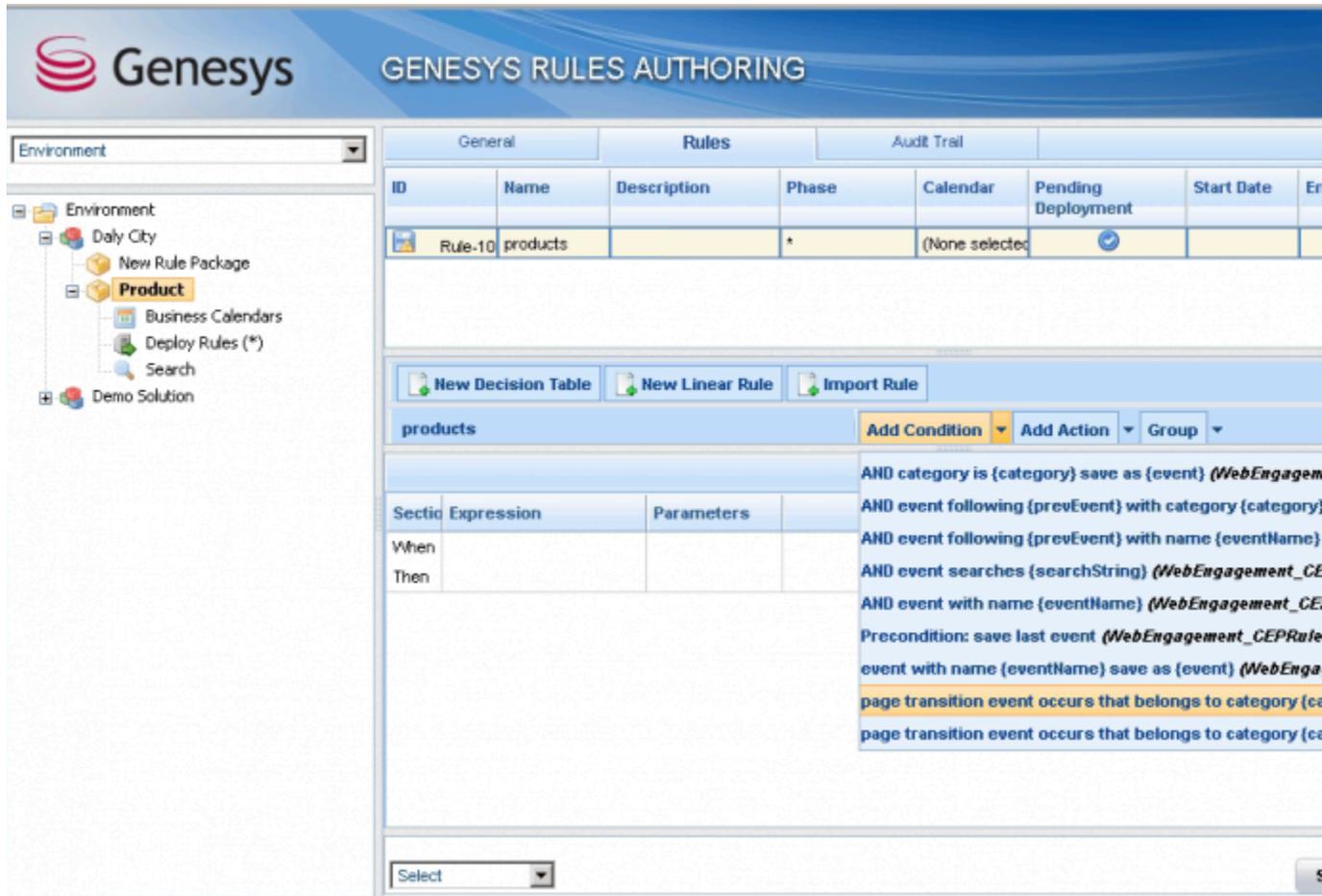
**Purpose:** To create the rules according to your **model**.

### Prerequisites

- You created the rules package; for instance, `myproject.rules.product`.

### Start

1. Select the `myproject.rules.product` package.
2. Select the Rules tab.
3. Click New Linear Rule. This creates a new rule in the Rules table.
4. Select the created rule:
  - Enter a Name—for example, Products;
  - Enter a Phase—The list of rule phases can be modified by changing the values of the enumeration that is called Phases, in the CEP rules Template. In beta, the single value available is `*`.
5. Click Add Condition:
  - Scroll down to select a condition—for example, page transition event occurs that belongs to category, which launches the actionable event anytime that a user enters or leaves a page of your website.



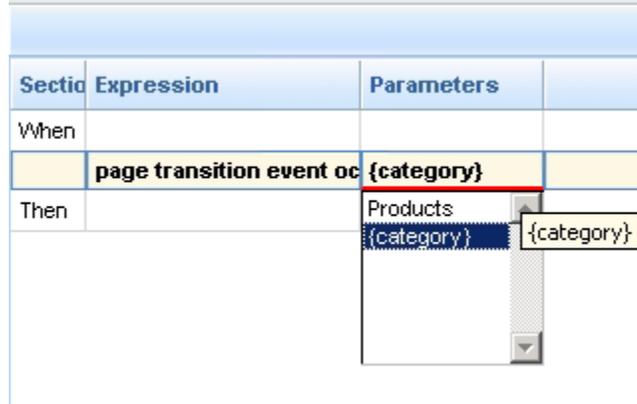
## Create a Rules Package

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Select your rule's condition.

Select your rule's condition.

- Select a category in Parameters—for example, Products. The Parameters list displays the categories that you previously created in the Genesys Administration Extension.



Section	Expression	Parameters
When		
	page transition event occurred	{category}
Then		Products {category}

Set the condition's parameters.

6. Click **Add Action** and select an action in the list—for example, **generate actionable event**;

7. Click **Save . . .**

### End

You can create as many rules as you need in your Rules package. For details about the available rules templates, see the available templates for:

- [The category-based Rules](#)
- [The event-based Rules](#)

### Next Steps

 [Publish the Rules Package](#)

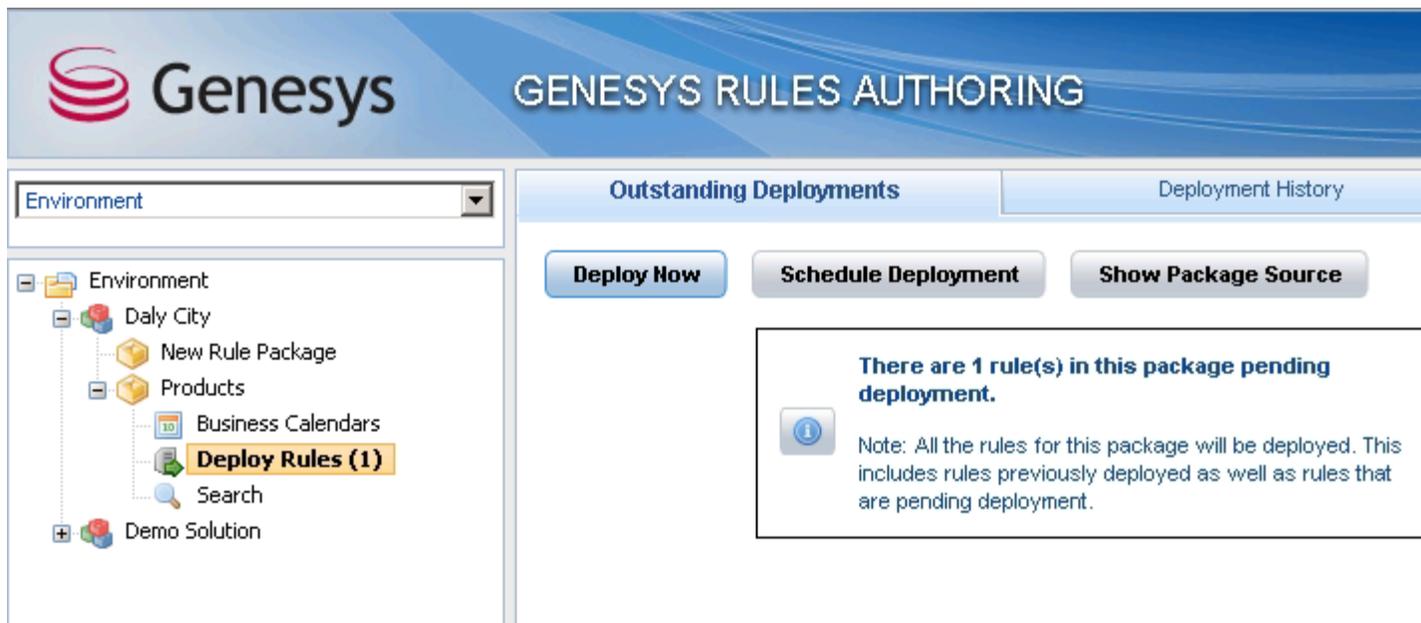
## Publish the Rules Package

### Prerequisites

- [The Web Engagement Backend Servers are started.](#)

### Start

1. In Genesys Rules Authoring Tool, navigate to **Solution > Your\_Rules\_Package > Deploy Rules**.



Click Deploy Rules.

2. Select your Web Engagement Backend Server.
3. Click Deploy Rules.

## End

If the deployment is successful, the following message appears: There are 0 rule(s) in this package pending deployment.

## Next Steps

 [Back to Task Table](#)