

Adding Component Instances

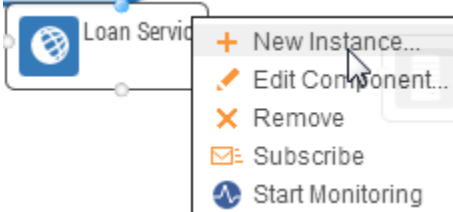
- From the New Component Wizard
- From the Manage Instances Page

From the New Component Wizard

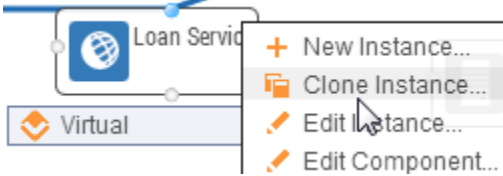
The following is the general process for creating component instances using the new component wizard:

1. Do one of the following:

- **From the Environment Editor (new instance):** Hover over the component, then select **New Instance** from the drop-down menu.



- **From the Environment Editor (cloned instance):** Select the instance you want to clone, hover over the component, then select **Clone Instance** from the drop-down menu.



- **From a Component page:** From the page-level menu, choose **New Instance**.



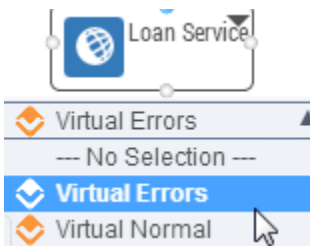
2. At the top of the Components wizard page, specify a name and (optional) description for the component instance:

Components Health Checks Variables

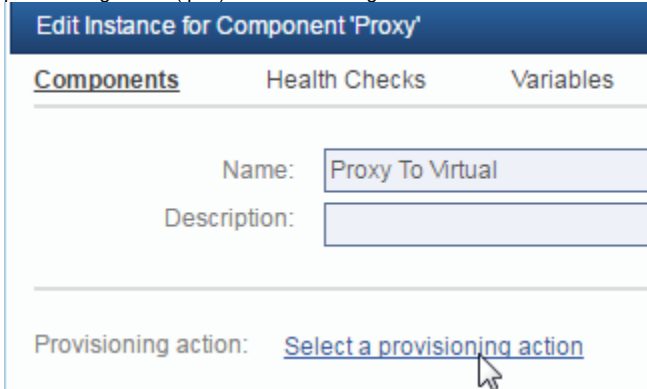
Name:

Description:

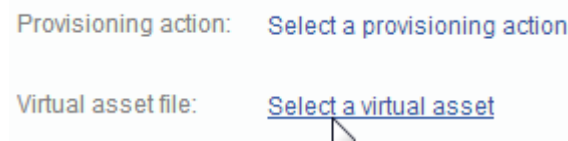
This name will be used to identify the component instance. For instance, the following shows how a Web Service component with two instances (Virtual Normal and Virtual Errors) would be presented in the Environment diagram.



- If you want a provisioning action associated with this component instance, click **Select a provisioning action**, then specify the desired provisioning action (.pvn) file. Provisioning actions are defined in Parasoft Virtualize desktop.



- If you want a virtual asset associated with this component instance, click **Select a virtual asset**, then specify the desired virtual asset (.pva) file. Virtual assets can be defined in CTP or in Parasoft Virtualize desktop.



If there are multiple deployments of that virtual asset, select which one you want to configure. See [Configuring Virtual Assets](#) for details.

i Note that the Endpoints settings will be populated based on the settings in your .pva. Also note that if data groups or performance profiles are associated with the virtual asset, additional options will display once that virtual asset is selected. Before proceeding, ensure that the options you want to apply to this component instance are selected. See [Configuring Virtual Assets](#) for details.

Virtual asset file: VirtualAsset.pva : mamba 9.4 ✕

Deployment: VirtualAsset ▼

Performance Profiles

getAccounts: Instant ▼

Data Sources

Datagroup: DatasourceB ▼

- (For real endpoints only) Specify the actual endpoint for your real endpoint. Note that the HTTP, JMS, or MQ settings here are the same as in the Virtualize UI. See [Configuring Real Endpoints](#) for details.
- In the Proxies area, specify which (if any) message proxy and/or JDBC controller you want to be associated with this component instance. For details, see [Configuring Message Proxies](#) and [Configuring JDBC Controllers](#).
- If you want test scenarios executed to check the health of this component, open the Test Scenarios page and specify them here. For details, see [Using Tests as Custom Health Checks](#).
- If you want to review and adjust variable settings, open the Variables page, then make any desired modifications.
 - This variable mapping table lists all variables associated with this component instance—including any variables previously associated with this component and any variables that will be added to represent SOAtest .tst environment variables (as set in the Test Scenarios wizard page). For details, see [Working with Variables](#).

- If you want to change a variable value, check **Override**, then specify the new value in the text field.

Component Instance Variables

Override Name	Value
<input type="checkbox"/> WSDL	http://localhost:8080/parabank/services/ParaBank?wsdl
<input type="checkbox"/> Endpoint	http://localhost:8080/parabank/services/ParaBank11
<input type="checkbox"/> ENDPOINT	http://localhost:8080/parabank/services/ParaBank
<input type="checkbox"/> LOCALHOST:8080_BASE_URL	http://localhost:8080/parabank
<input checked="" type="checkbox"/> WWW_PARASOFT_COM_BASE_URL	http://www.parasoft.com
<input type="checkbox"/> HOSTNAME	localhost
<input type="checkbox"/> WADL	http://localhost:8080/parabank/services/bank?_wadl&_typ
<input type="checkbox"/> CALCULATOR_PATH	/glue/calculator
<input type="checkbox"/> CALCULATOR_HOST	ws1.parasoft.com
<input type="checkbox"/> CALCULATOR_PORT	80
<input type="checkbox"/> HOST	localhost:8080

9. Click **Finish**.

From the Manage Instances Page

The following is the general process for creating component instances from the Manage Instances page (described in [Managing Component Instances](#)):

1. From the Manage Instances page, click the **New Instance** or **Clone Instance** icon (if it is not visible, click **Show details** or **Expand all**).

The screenshot shows two component cards. The first card is for 'Web Service' (Component # 5) and has a 'Variables' section and an 'Instances (0)' section with a '+' icon and a 'New Instance' tooltip. The second card is for 'SOAtest Test Executor' (Component # 1) and has a 'Variables' section and an 'Instances (2)' section with a '+' icon. Under the 'Instances (2)' section, there are two instances: '1. Positive' and '2. Regression'. A 'Clone Instance' tooltip is shown over the '2. Regression' instance.

2. At the top of the Instance editor, specify a name and (optional) description for the component instance. This name will be used to identify the component instance.

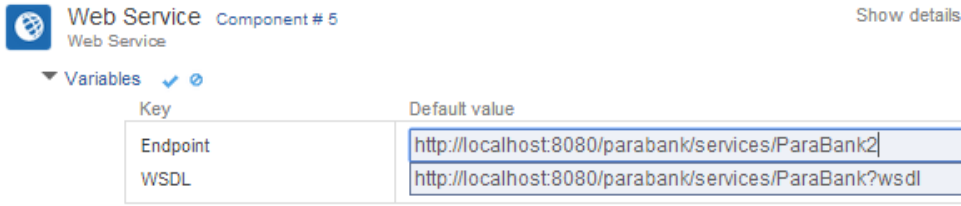
Name:

Description:

For instance, the following shows how a Web Service component with two instances (Virtual Normal and Virtual Errors) would be presented in the Environment editor.

The screenshot shows a 'Loan Service' component in the Environment editor. Below the component, there is a list of instances: 'Virtual Errors', '--- No Selection ---', 'Virtual Errors', and 'Virtual Normal'. The 'Virtual Errors' instance is currently selected.

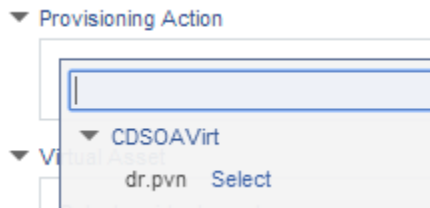
3. In the Variables area, review and adjust variable settings as needed.



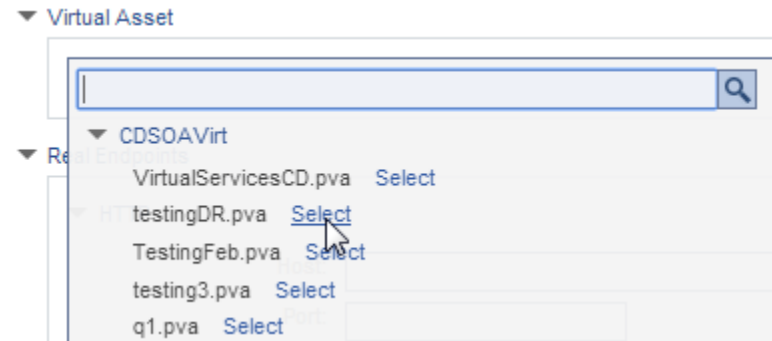
Key	Default value
Endpoint	http://localhost:8080/parabank/services/ParaBank2
WSDL	http://localhost:8080/parabank/services/ParaBank?wsdl

i This variable mapping table lists all variables associated with this component instance—including any variables previously associated with this component and any variables that will be added to represent SOAtest .tst environment variables. For details, see [Managing Variables](#).

4. If you want a provisioning action associated with this component instance, click **Select a provisioning action**, then specify the desired provisioning action (.pvn) file. Provisioning actions are defined in Parasoft Virtualize desktop.



5. If you want a virtual asset associated with this component instance, click **Select a virtual asset**, then specify the desired virtual asset (.pva) file. Virtual assets can be defined in CTP or in Parasoft Virtualize desktop.



If there are multiple deployments of that virtual asset, select which one you want to configure. See [Configuring Virtual Assets](#) for details.

i Note that the Endpoints settings will be populated based on the settings in your .pva. Also note that if data groups or performance profiles are associated with the virtual asset, additional options will display once that virtual asset is selected. Before proceeding, ensure that the options you want to apply to this component instance are selected. See [Configuring Virtual Assets](#) for details.

6. (For real endpoints only) Specify the actual endpoint for your real endpoint. Note that the HTTP, JMS, or MQ settings here are the same as in the Virtualize UI. See [Configuring Real Endpoints](#) for details.

Provider URL:
 Username:
 Password:
 Initial context:
 Message Selector Expression:
 Point-to-Point
 Publish-and-Subscribe
 Connection factory:
 Publish topic:
 Subscribe topic:
 Additional initial context JNDI properties:

Property	Value
<input type="text" value="java.naming.security.principal"/>	<input type="text" value="username"/>
<input type="text" value="java.naming.security.credentials"/>	<input type="text" value="password"/>

+

7. In the Proxy area, specify which (if any) message proxy and/or JDBC controller you want to be associated with this component instance. For details, see [Configuring Message Proxies](#) and [Configuring JDBC Controllers](#).

Proxy type: Message JDBC

[Select a message proxy](#)

8. In the Test Scenarios area, specify which (if any) test scenarios you want executed to check the health of this component. For details, see [Using Tests as Custom Health Checks](#).