

How to Send Parameters to a Modeled Visual Composer Application



Applies to:

Visual Composer for SAP NetWeaver CE. For more information, visit the [Portal and Collaboration homepage](#).

Summary

This document explains how to send parameters from another application (SAP and non-SAP) to an application modeled in Visual Composer.

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Before You Begin

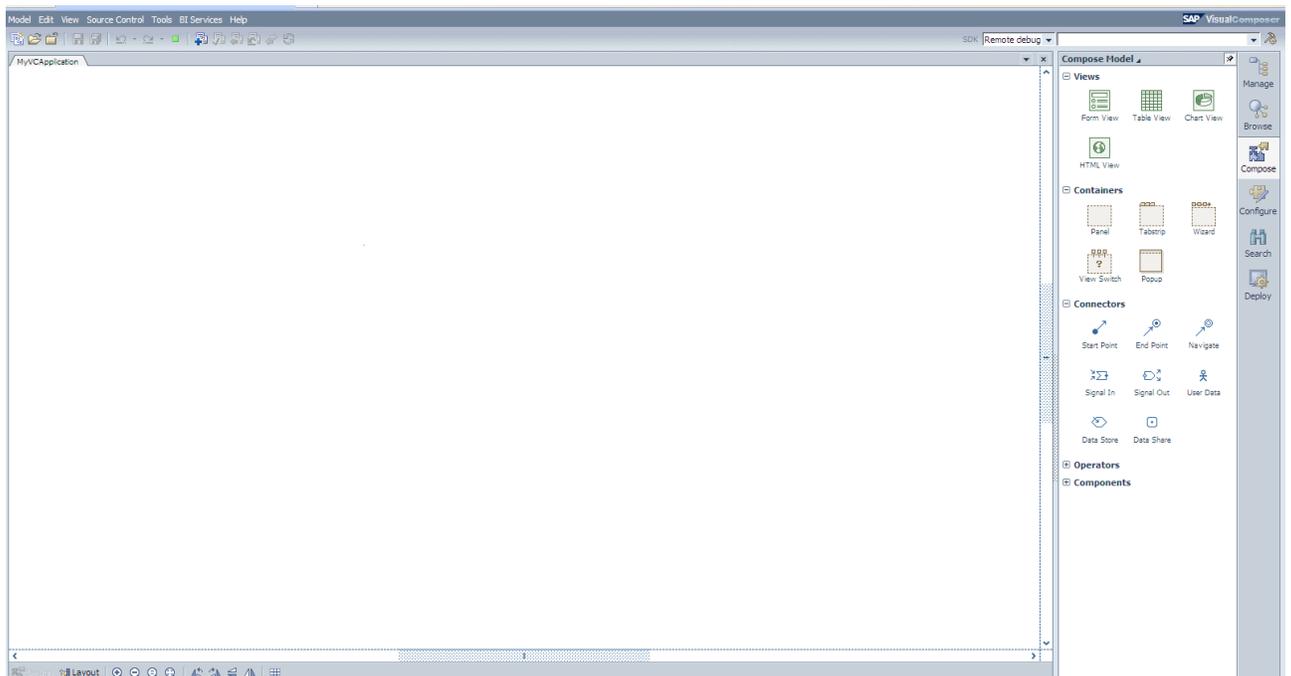
This article details the actions you need to perform in order to transfer parameters from an external application to a Web Dynpro application modeled in Visual Composer.

The application receives the data through a parameter in its URL. The parameter name is `_paramsXmlStr_`.

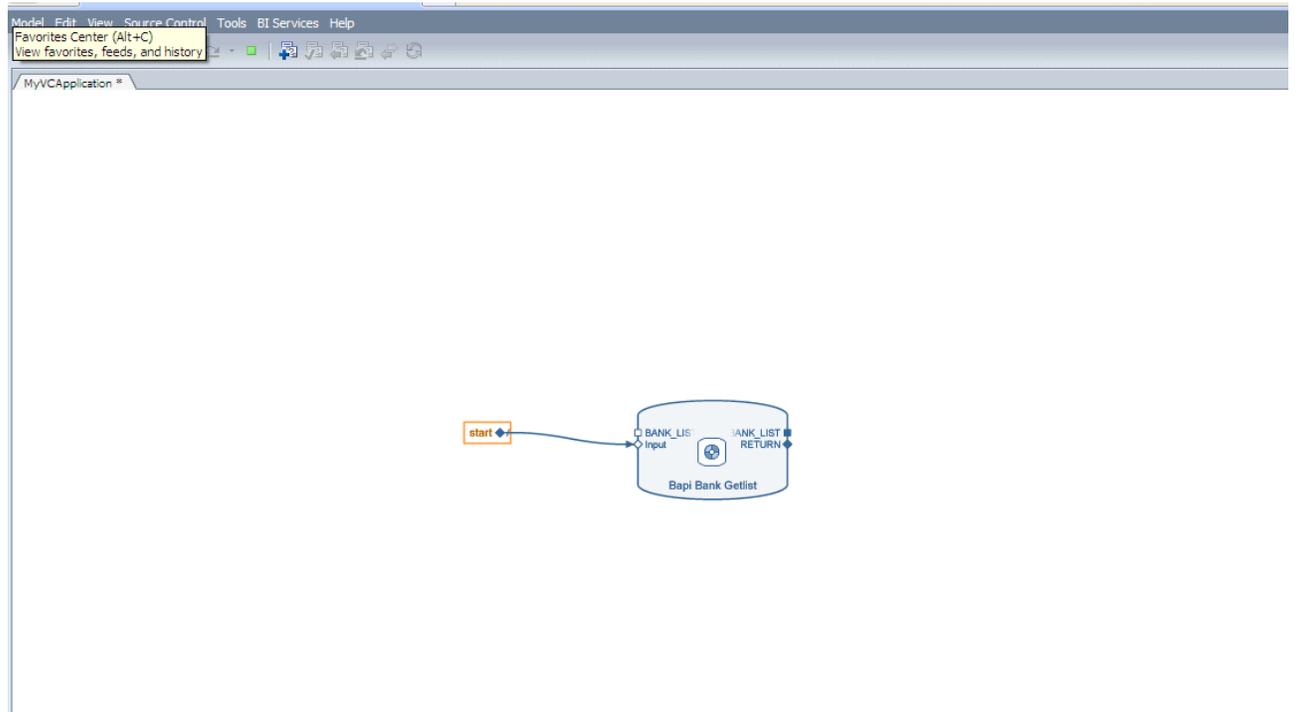
Due to the fact that the external application resides outside the SAP NetWeaver portal, when triggering the Visual Composer application, the server login window is automatically displayed, followed by the relevant Visual Composer application.

Create Your Visual Composer Application

1. Create a new Visual Composer model.



2. With the model opened on the Design board, add the data service (a BAPI, Web service, or other) that will receive the external parameters.
3. Add a start point to initiate the data service.



4. Map the data sent from the start point to the data service (don't give the input fields of the data service hard-coded data).

Use this editor to map output fields of one model element to input fields of another model element. Select each Target Field whose mapping value you want to define or modify, and enter its Assigned Value.

Target Field	Assigned Value
[T] BANK_CTRY	=@BANK_CTRY
[N] MAX_ROWS	=@MAX_ROWS

Select mode: All data rows

Close

5. Add an output view to the data service (such as a Form, Table, or Chart).



- 6.
7. Save the application and deploy it.

Build the URL that Triggers the Visual Composer Application

1. Encode the following string using a URL encoder tool:

```
<Params><start <Field Name1>=<value>" Field Name1=<value>" ...></start></Params>
```

For example:

```
<Params><start BANK_CTRY="US" MAX_ROWS="10"></start></Params>
```

(You can use this URL encoder tool: <http://meyerweb.com/eric/tools/dencoder/>). We recommend that you copy the string to a text editor first.

The URL encoder tool generates a new string:

```
%3CParams%3E%3Cstart%20BANK_CTRY%3D%22US%22%20MAX_ROWS%3D%2210%22%3E%3C%2Fstart%3E%3C%2FPParams%3E
```

2. Concatenate the encoded string for the parameter name in the following way:

```
_paramsXmlStr_ =
```

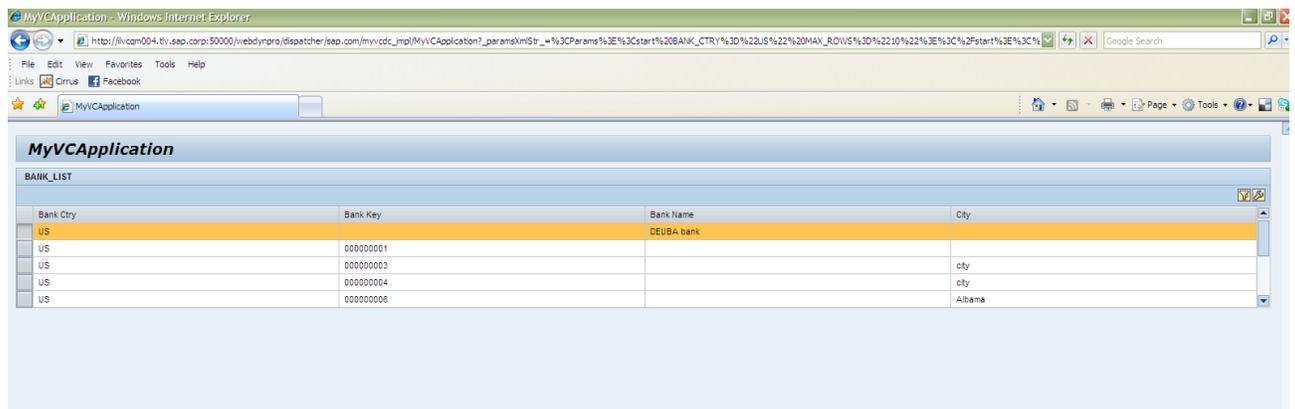
```
%3CParams%3E%3Cstart%20BANK_CTRY%3D%22US%22%20MAX_ROWS%3D%2210%22%3E%3C%2Fstart%3E%3C%2FPParams%3E
```

3. Add this string at the end of the URL of the application you just created

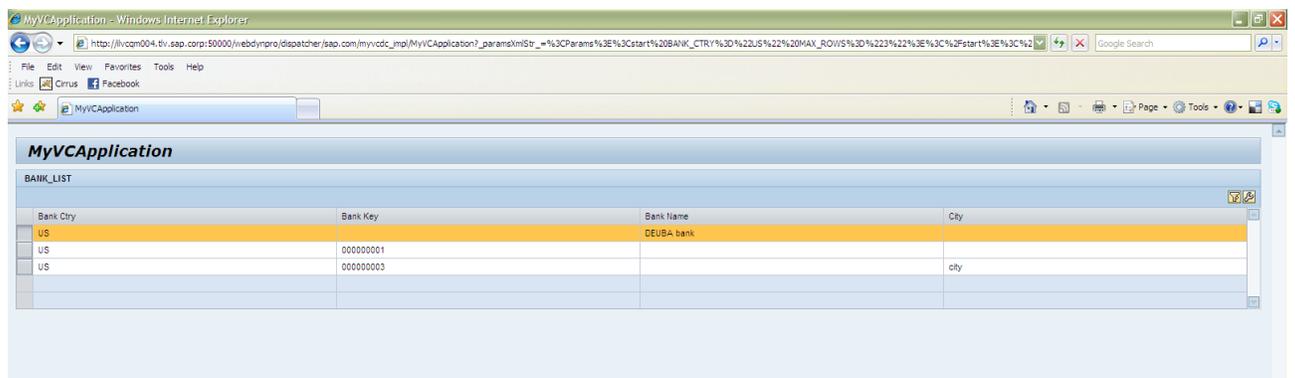
```
<Visual Composer modeled application URL>?_paramsXmlStr_ =
```

```
%3CParams%3E%3Cstart%20BANK_CTRY%3D%22US%22%20MAX_ROWS%3D%2210%22%3E%3C%2Fstart%3E%3C%2FPParams%3E
```

4. Call this URL in a new browser.



5. Change the URL parameters and verify that the table results change accordingly



Note: You can also send data to a Data Share object whose Scope attribute is set to Public. You can find more information on data shares in the [Related Content section](#).

Related Content

[Visual Composer for SAP NetWeaver CE 7.1](#)

[Visual Composer for CE Online Workshop](#)

[Performing Advanced Modeling Tasks](#)

For more information, visit the [Portal and Collaboration homepage](#).

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