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# Parameterized URL

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# Table of Contents

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<b>Parameterized URL Overview</b>	<b>5</b>
Process Flow.....	6
<b>Simplified Parameterized URL</b>	<b>7</b>
Pre-Requisites.....	7
EnterpriseOne Pre-Requisites .....	7
Parameterized URL Format.....	7
URL Parameter Definitions .....	8



# Parameterized URL Overview

The Simplified Parameterized URL is a set of functionality that enables an external system with the ability to launch a native EnterpriseOne application through the use of a simple URL. This provides the ability for external applications to have a near seamless user interface integration with any available EnterpriseOne application.

The Parameterized URL will allow an external system to invoke an E1 application with the following specifications:

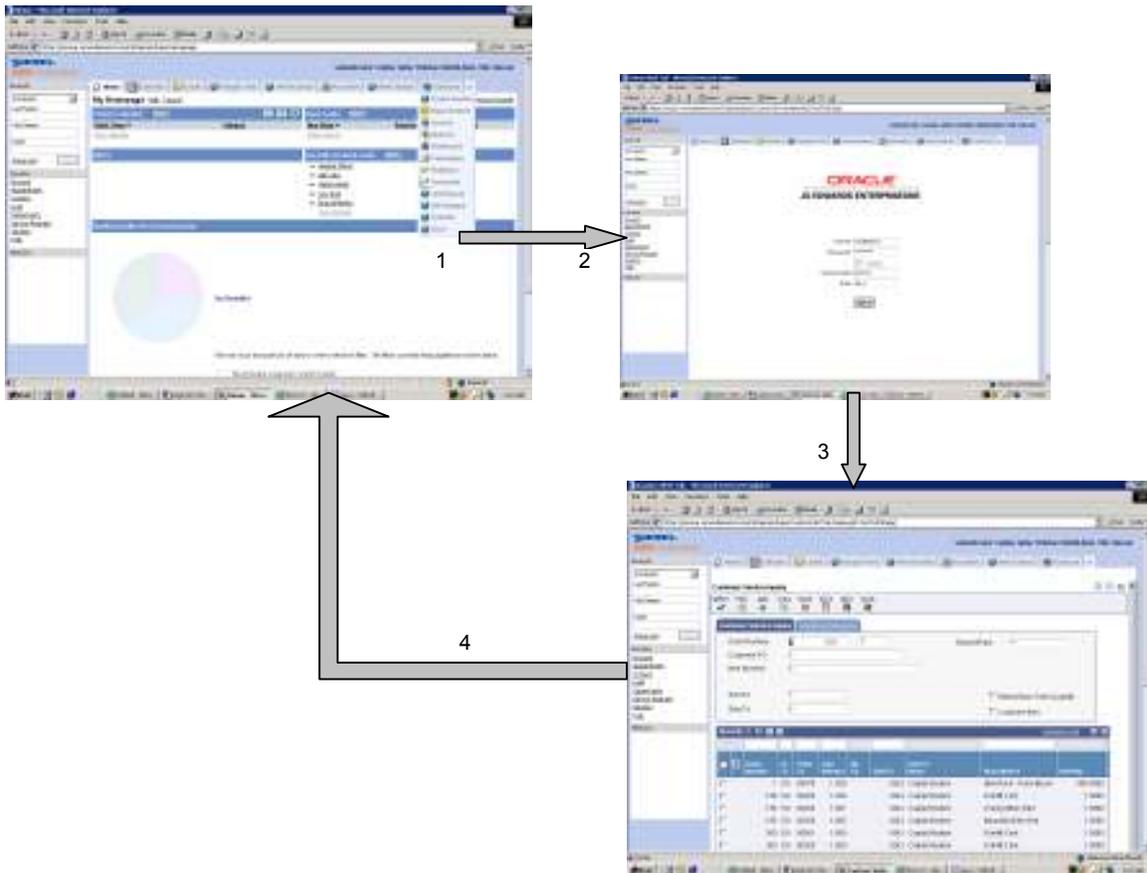
- EnterpriseOne application identification (Application Name, Form Name, and Version)
- EnterpriseOne form specific data used to preload form controls or to modify the default form behavior.
- URL destination in which the browser will be redirected to after the EnterpriseOne application has been closed.
- An optional flag that specifies that only a single EnterpriseOne application may be active at any time.

The remainder of this document provides the detailed steps that are necessary to define and implement the Parameterized URL functionality.

## Process Flow

A simple illustration of the process flow is shown below. The steps for are as follows:

1. From an external system a user accesses the Parameterized URL.
2. The first invocation of an E1 application from this interface will require that the user sign on to a valid E1 environment. On subsequent invocations the session information will be cached and login will not be necessary.
3. The EnterpriseOne application is launched and controls are pre-loaded based on the Form Data passed through the URL.
4. When the user has selected the “Close” button on the EnterpriseOne application the application is closed and the browser is redirected to the url target destination that was included in the Parameterized URL request.



# Simplified Parameterized URL

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## Pre-Requisites

The following is a list of requirements that must be met before the Parameterized URL functionality can be utilized.

### EnterpriseOne Pre-Requisites

Tools/SP: 8.96 - Service Pack E1 and above.  
Apps: 8.9 and above

General information over EnterpriseOne Minimum Technical Requirements (MTRs) can be found at the following site.

<http://www.peoplesoft.com/corp/en/iou/platforms/enterpriseone.jsp>

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## Parameterized URL Format

As mentioned above the Parameterized URL provides a simple method for an external system to natively launch a specified EnterpriseOne application. In order to utilize this functionality the URL must adhere to a strict format. This URL format is given below along with an example use case. Detailed definitions of the individual parameter follow in subsequent section.

*http://[e1 JAServer]: [port]/jde/HostedE1Servlet? **OID** =  
[APPNAME\_FORMNAME\_VERSION] & **FormDSTmpl**= [Item Ids separated by |]  
&**FormDSData**= [Values separated by |] &**jdeclosetlink**= [Encoded URL] &  
**JdeCloseAppStacks**= true.*

An example of a parameterized url is as follows:

*http://e1JAServer:9080/jde/HostedE1Servlet?OID=P4210\_W4210E&FormDSTmpl=|8|9|10|13|14|15|17|&FormDSData=||SO|||||&jdeclosetlink=https%3A//secure.crmondemand.com/OnDemand/user/CustomTab%3Ftab.Name%3D%5BE1Test%20Page%5D & JdeCloseAppStacks= true.*

The remainder of this document gives detailed descriptions on each of the parameter values on steps on how to construct the parameterized url.

# URL Parameter Definitions

The following section gives details on each of the Parameterized URLs parameters and examples on how they may be used.

## OID Parameter

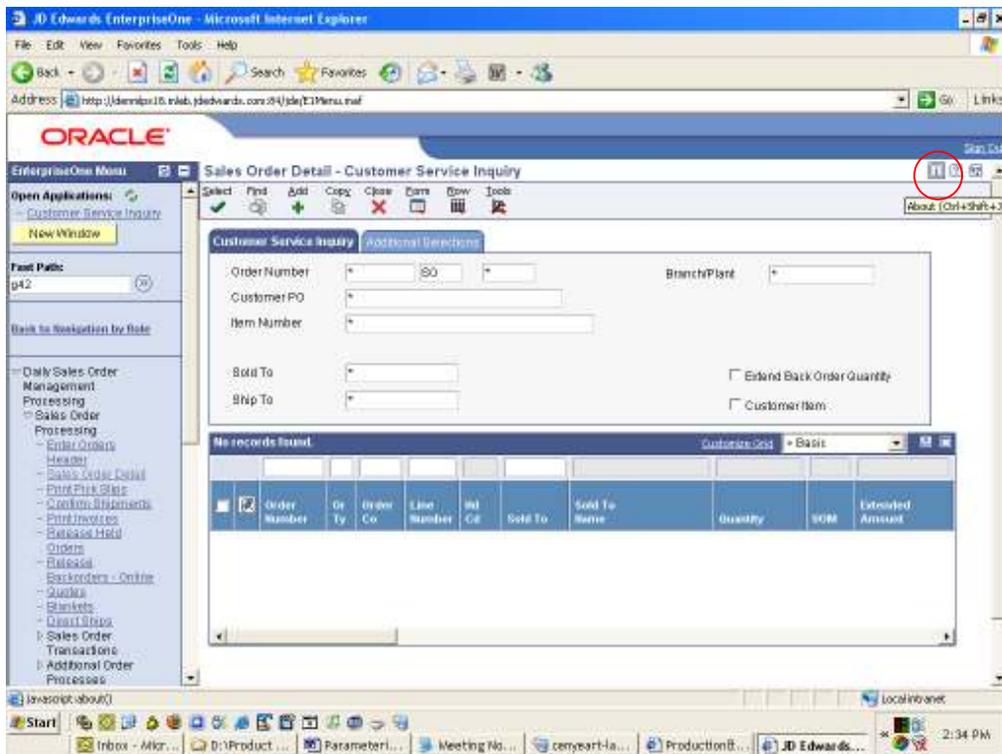
OID stands for “Object ID” and is used to define the EnterpriseOne application, form, and version that will be accessed through the Parameterized URL.

The format of the OID parameter value is APPNAME\_FORMNAME\_VERSION, where version information is optional.

An example OID value that could be used to launch the Customer Service Inquiry Application (Form P4210/W4210E/ZJDE0001) would need to be formatted as: "P4210\_W4210E\_ZJDE0001".

### ► Steps to look up the OID Application, Form, and Version values:

In order to determine the OID Form and Application values you can open the E1 target application and select the About (“i”) icon in the upper right hand side of the application.



When the “about” icon is select the following form should display with the application and form information. In this case, Application P4210, Form W4210E, Version ZJDE0001:



### **FormDSTmpl Parameter**

The combination of the FormDSTmpl (Form Data Structure Template) and the FormDSDData (Form Data Structure Data) parameters provide external applications the ability to pass in values to an E1 application in order to direct it to behave in a certain manner. The FormDSTmpl parameter is used to define which of the available Form Data Structure parameters associated with the EnterpriseOne application are to be utilized.

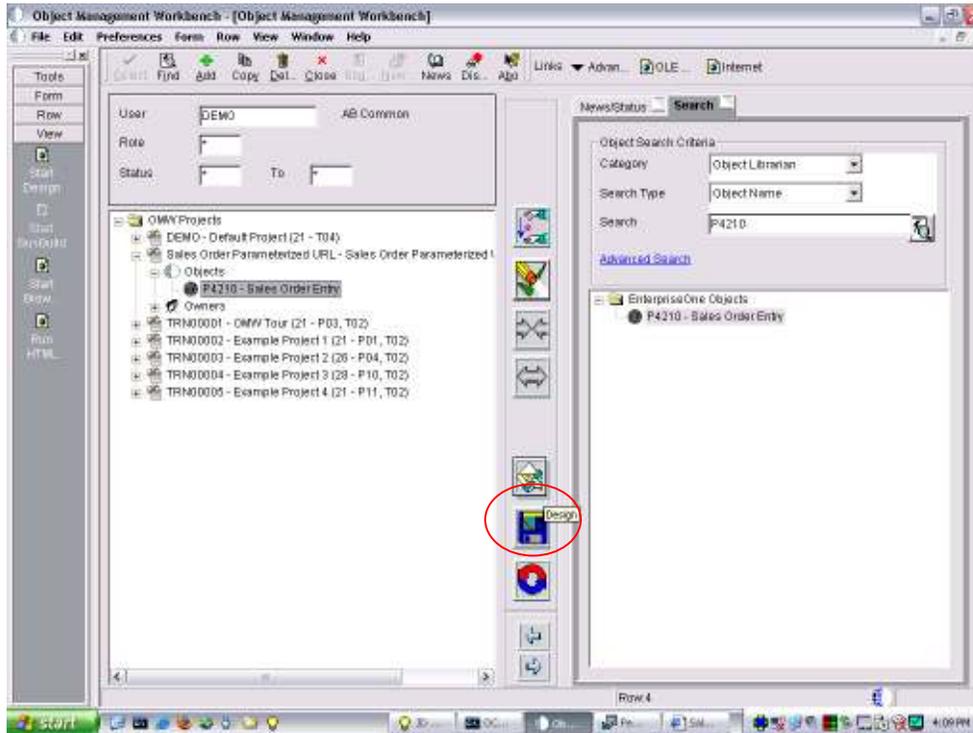
The format of the FormDSTmpl (Form Data Structure Template) parameter value is a series of item ids for the Form Data Structure members, each of which must be separated by a pipe (|) character. You must specify the item ids of those Form Data Structure members whose values you want to pass to the Application Form.

For example: You can launch the Customer Sales Inquiry form (P4210/W4210E) with a select number of parameters by defining the FormDSTmpl value to be:

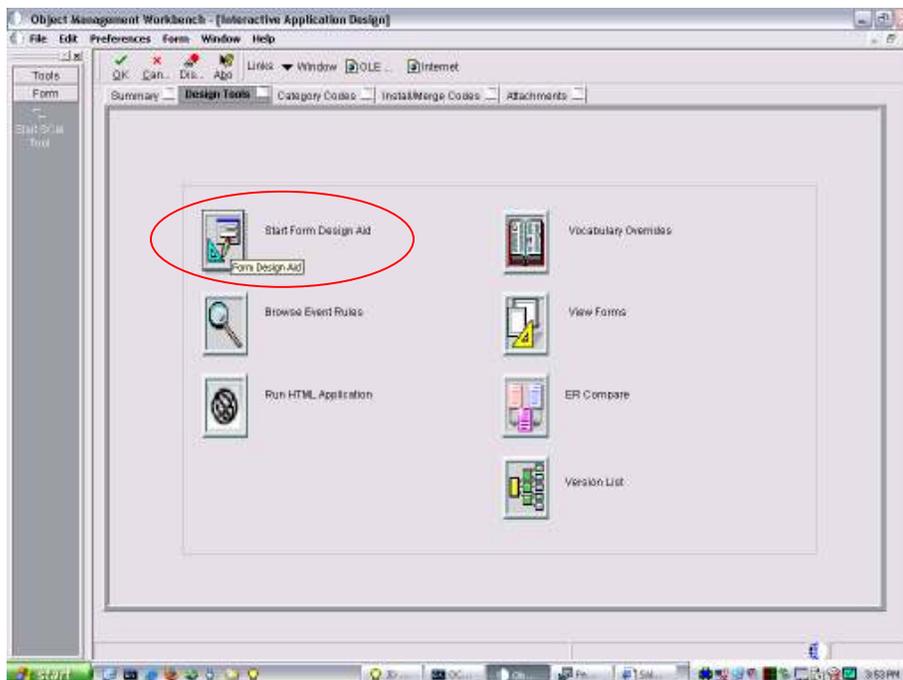
|8|9|10|13|14|15|17|.

► **Steps to look up the item ids for Form Data Structure members:**

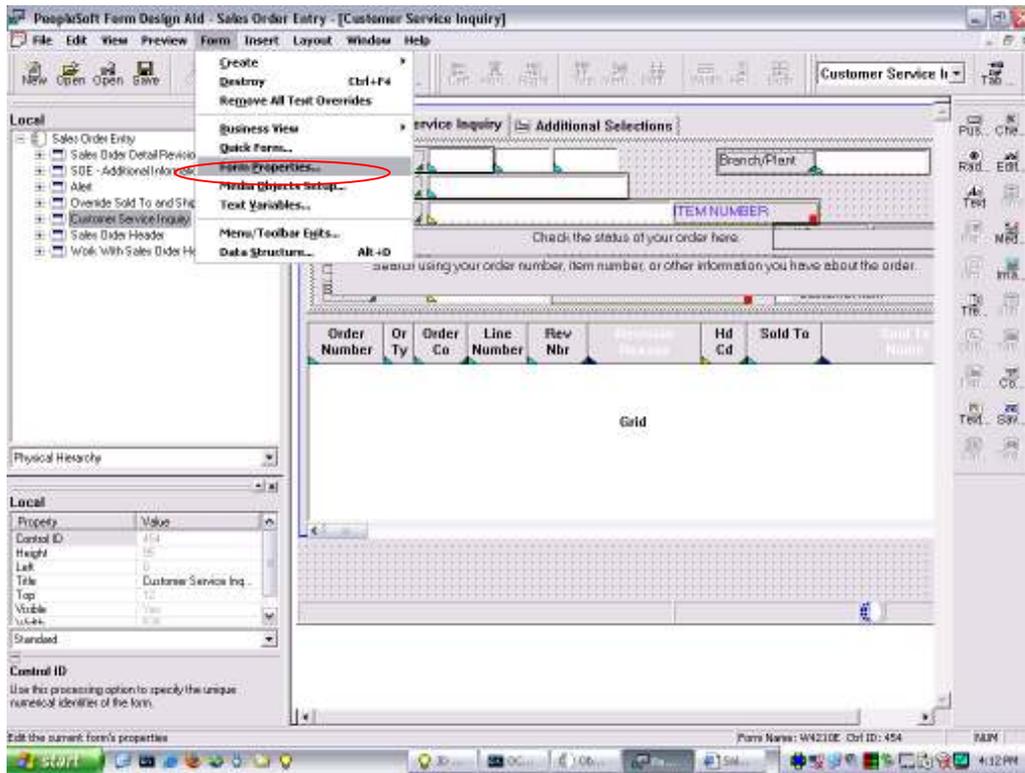
1. Open the target E1 application in the Forms Design Aid (FDA) tool. This can be accomplished by inquiring on the target EnterpriseOne application in the Object Management Workbench (OMW – P98220) application, including the target application in an active project, and selecting the Design push button



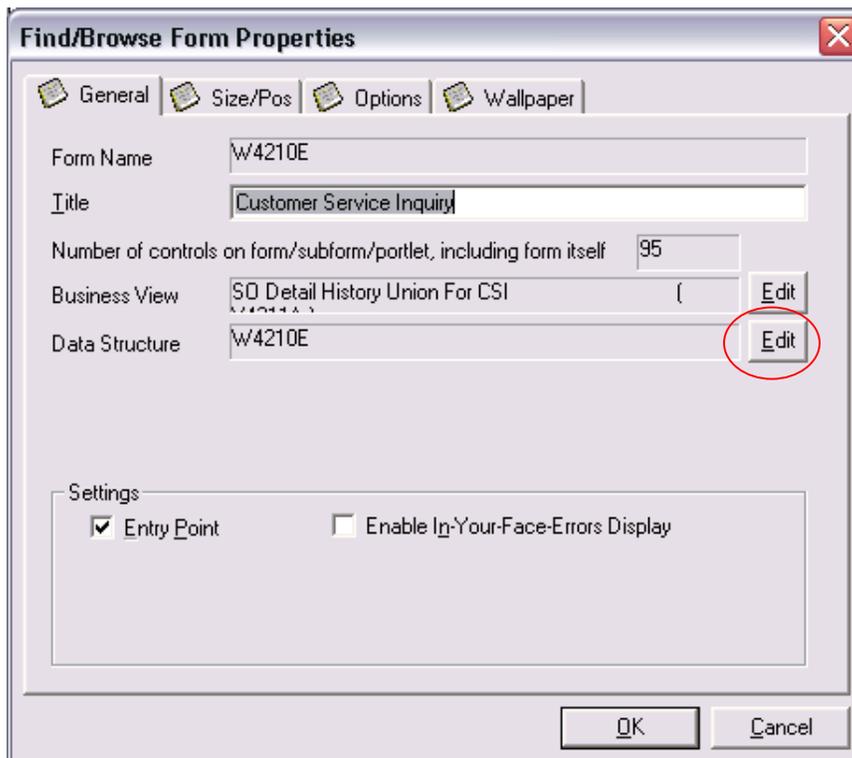
2. Then select the Forms Design Aid push button under the "Design Tools" tab.



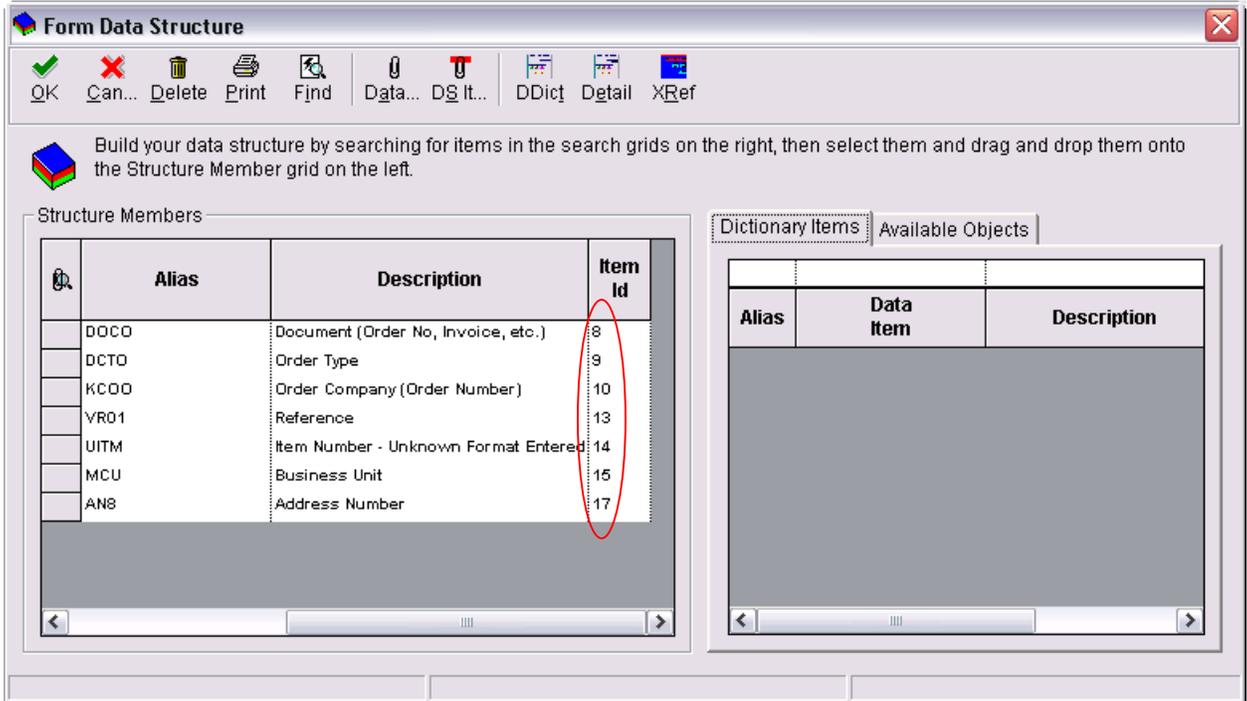
3. Within the FDA tool you can highlight/open the appropriate form in the Forms Navigation tree (under the frame called Local on the right hand side of the tool) and then select the toolbar option of Form→Form Properties.



4. In the Property Browser select the Edit button next to the "Data Structure" fields.



- The Form Data Structure form should display. In the Structure Members grid you can scroll to the right to look up the item id for the corresponding data structure members



- The values in the Item Id are the values to be used in the FormDSTmpl parameter.

### **FormDSDData Paramter**

As mentioned in the earlier section, the combination of the FormDSTmpl (Form Data Structure Template) and the FormDSDData (Form Data Structure Data) parameters provide external applications the ability to pass in values to an E1 application in order to direct it to behave in a certain manner. The FormDSDData parameter is used to pass in the actual runtime values into the parameters associated with the target EnterpriseOne application.

The format of the FormDSDData parameter value is a series of values for the Form Data Structure members separated by a pipe (|) character. The values should be in the same order as the item ids for the Form Data Structure members. You may only specify the values of those Form Data Structure members whose values you want to pass to the Application Form. If you are not specifying a value for Form Data Structure members, leave a blank (One space).

For example: You can launch the Customer Sales Inquiry form (P4210/W4210E) with the following values in order to pre-load the Order Type form filter field with the value of "SO":

"|SO| | | | | | | |"

By utilizing this functionality the user is not required to manually fill in default search criteria.

### **JdeCloselink**

Jdecloselink is the URL to which an application is redirected after the close button is selected in the E1 Application. This is a mandatory parameter and can be configured to direct to any valid URL destination. An additional requirement is that the URL needs to be encoded before using it as a parameter value

An example use case could be that the clients browser should be redirected to a Siebel OnDemand web tab once the EnterpriseOne Application is closed. The example URL is shown below:

```
https://secure.crmondemand.com/OnDemand/user/CustomTab?Tab.Name=[E1Test%20Page]
```

As noted above, an additional requirement is that the URL needs to be encoded before using it as a parameter value. The following shows the WebTab URL encoded for use in the Jdecloselink parameter.

```
https%3A//secure.crmondemand.com/OnDemand/user/CustomTab%3Ftab.Name%3D%5BE1Test%20Page%5D.
```

### **JdeCloseAppStacks**

JdeCloseAppStacks is an optional parameter and can be used to ensure that only a single EnterpriseOne application is open at any time. If the parameter is enabled [jdeCloseAppStacks=true] then the EnterpriseOne application launched via this Parameterized URL will be the only application session that is active. All other active EnterpriseOne application stacks for that User will closed prior to the launch.