

The logo consists of a green rectangle with a dark green vertical bar on the left side. The text "CD SWAT" is written in white, bold, sans-serif font across the green area.

CD SWAT

The logo is a large blue rounded rectangle with a small notch on the top left corner. The text "CA DevTest 10.2" is written in white, bold, sans-serif font inside the rectangle.

**CA DevTest
10.2**



DevTest Portal Improvements

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Date: December 2017

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Chapter 1: Introduction

Purpose

The purpose of this document is to describe the usability related improvements made to Portal in DevTest 10.2.

Document Tracking

Version	Date	Author	Version
10.2 GA	12/20/2017	Surya Suravarapu	Version 1.0

Reporting Issues

Please send your questions/comments/concerns on this document to SuryaAnilKumar.Suravarapu@ca.com

Chapter 2: Inspector View Improvements

Multiple Inspector View Tabs

In Devtest 10.2, we have made changes to enable multiple inspector view tabs for virtual services. Prior to this, the inspector view used to come up as a popup which was a constraint for teams who wanted to view inspection view for multiple services by switching between them. Having multiple inspector view tabs helps team by enabling them to switch between tabs easily, thereby potentially improving productivity for them. Please find more information on the feature below.

Operation	Timestamp	Argument Key	Argument Values
GET /loan/isa.simpson/	12/20/2017 1:55:34 AM		
POST /loan/	12/20/2017 1:55:33 AM		
GET /inventory/carMake/{URLPARAM0}/models.json/	12/20/2017 1:55:32 AM	URLPARAM0	1
GET /inventory/carInventory/{URLPARAM0}/	12/20/2017 1:55:31 AM	URLPARAM0	271K932E37C639014

Execution Step Name	Timestamp	Event	Short Info	Long Info
Virtual HTTPS Listener 7001	12/20/2017 1:55:33 AM	Property set	Isa:use.host.name	UNKNOWN_HOSTNAME
VS Image Response Selection	12/20/2017 1:55:33 AM	Property set	Isa:use.port.number	7001
Virtual HTTPS Responder	12/20/2017 1:55:34 AM	Property set	Isa:use.http.current.transaction	com.ibm.isa:use.http.transaction[method=GET,uri=/loan/isa.simpson/,httpVersion=...
	12/20/2017 1:55:34 AM	Property set	Isa:use.http.current.transaction.body	*
	12/20/2017 1:55:34 AM	Property set	Isa:use.http.current.transaction.raw	Be30f9a051
	12/20/2017 1:55:34 AM	Property set	Isa:use.request	Request {id=0, operation="GET /loan/isa.simpson/", arguments=, attributes=HTTP-Segm...
	12/20/2017 1:55:34 AM	Property set	Isa:use.execution.mode	Most Efficient
	12/20/2017 1:55:34 AM	Property set	Isa:use.request.metric.info	com.ibm.isa:use.metrics.RequestMetricInfo{of5f9bac6}
	12/20/2017 1:55:34 AM	Property set	Isa:use.stateful.request.received	true
	12/20/2017 1:55:34 AM	VS log message	INFO: Inbound Request	{"/info","operation":"GET /loan/isa.simpson/","arguments":{}}

- As shown above, we can now open multiple Inspector view tabs for virtual services.
- The Inspector view has now been changed from being a popup to a tab.
- The teams can now switch between inspector view for services easily by switching between the tabs.

VSE Identifier

Operation	Timestamp	Argument Key
GET /loan/isa.simpson/	12/20/2017 1:55:34 AM	
POST /loan/	12/20/2017 1:55:33 AM	
GET /inventory/carMake/{URLPARAM0}/models.json/	12/20/2017 1:55:32 AM	URLPARAM0
GET /inventory/carInventory/{URLPARAM0}/	12/20/2017 1:55:31 AM	URLPARAM0

Execution Step Name	Timestamp	Event	Short Info
Virtual HTTPS Listener 7001	12/20/2017 1:55:33 AM	Property set	Isa:use.host.name
VS Image Response Selection	12/20/2017 1:55:33 AM	Property set	Isa:use.port
Virtual HTTPS Responder	12/20/2017 1:55:34 AM	Property set	Isa:use.http
N/A	12/20/2017 1:55:34 AM	Property set	Isa:use.http

Operation	Timestamp	Argument Key
addUserObject	12/20/2017 3:08:49 AM	userObject_accounts...
		userObject_accounts...
		userObject_accounts...
		userObject_accounts...

Execution Step Name	Timestamp	Event	Short Info
Virtual HTTPS Listener 8001	12/20/2017 3:08:48 AM	Property set	Isa:use.host
VS Image Response Selection	12/20/2017 3:08:48 AM	Property set	Isa:use.port
Virtual HTTPS Responder	12/20/2017 3:08:49 AM	Property set	Isa:use.http
	12/20/2017 3:08:49 AM	Property set	Isa:use.http

- As shown above, we now have an identifier which will help identify the VSE to which the virtual service has been deployed.
- This is helpful for teams to identify the VSE to which a virtual service has been deployed while looking at the inspection view. (in multi VSE environment)

Ability to Resize

With the new portal layout, we now can resize Argument key / value pairs. This will make it easier to view long values.

Home

VSE1

VSE2

cars-rest Inspector

kioskV8 Inspector

data-driven-http-rest Inspector

kioskV8 Inspector

[VSE2]

Requests

Operation	Timestamp	Argument Key	Argument Values
addUserObject	12/20/2017 3:08:49 AM	userObject_accounts_balance_1	9090
		userObject_accounts_name_1	Not Found
		userObject_accounts_type_1	CHECKING
		userObject_accounts_balance_2	1152

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Items per page

1 - 8 of 8 Items

- With the new layout, we can resize the Argument key and Argument value columns as well.
- This will enable us to view large values by resizing the columns.

Unknown Step Scenarios

Improved scenarios where unknown step information was being shown earlier. Now, there will be few unknown step names in inspector view for virtual services.

Home

VSE1

VSE2

kioskV8 Inspector

data-driven-http-rest Inspector

kioskV8 Inspector

[VSE2]

Requests

Operation	Timestamp	Argument Key	Argument Values
addUserObject	12/20/2017 3:08:49 AM	userObject_accounts_balance_1	9090
		userObject_accounts_name_1	Not Found
		userObject_accounts_type_1	CHECKING
		userObject_accounts_balance_2	1152

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Items per page

1 - 8 of 8 Items

Execution Step Events

Execution Step Name	Timestamp	Event	Short Info	Long Info
Virtual HTTPS Listener 8001	12/20/2017 3:08:48 AM	Property set	isavse.hostname	UNKNOWN_HOSTNAME
VS Image Response Selection	12/20/2017 3:08:48 AM	Property set	isavse.portNumber	8001
	12/20/2017 3:08:49 AM	Property set	isavse.http.current.transaction	com.itko.isavse.http.HTTPTransaction(method=POST, uri=/tkoexamples, httpV...
Virtual HTTPS Responder	12/20/2017 3:08:49 AM	Property set	isavse.http.current.transaction.body	<?xml version="1.0" encoding="UTF-8"?> <soapenv:Envelope xmlns:soapenv="h...
	12/20/2017 3:08:49 AM	Property set	isavse.http.current.transaction.raw	lB@27bad390
	12/20/2017 3:08:49 AM	Property set	isavse.request	Request {id=0, operation="POST /tkoexamples", arguments=, attributes=HTTP...
	12/20/2017 3:08:49 AM	Property set	isavse.execution.mode	Most Efficient
	12/20/2017 3:08:49 AM	Property set	isavse.request.metric.info	com.itko.isavse.metrics.RequestMetricInfo@3794e39e
	12/20/2017 3:08:49 AM	Property set	isavse.stateful.request.received	true
	12/20/2017 3:08:49 AM	VS log message	INFO: Inbound Request	{"id":0,"operation":"addUserObject","arguments":{"userObject_accounts_balance...

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Items per page

1 - 10 of 12 Items

Chapter 3: Session Data View Improvements

Tab View

Session Data view has been changed from a popup to a tab view.

The screenshot shows the 'cars-rest Session Data' view in DevTest 10.2. The interface is a tabbed view with two main tabs: 'Session Information' and 'Response Information'. The 'Session Information' tab is currently selected, showing a table with the following data:

Session ID	Created On	Modified On	Transaction Count	Client ID	Most Recent Request
Stateless	12/20/2017 7:16:00 AM	12/20/2017 7:16:12 AM	14	127.0.0.1:53920	GET /loan/lisa.simpson/()

Below the table, there is a pagination bar showing '1 - 1 of 1 items'. The 'Response Information' tab is also visible, showing a list of requests with columns: Created On, Operation, and a detailed view of the request and response.

- Session Data view has been changed from a popup to a tab view as shown above.
- This will enable teams to view session tracking information for multiple services by switching between tabs.

Resizers

The changes made to the session tracking view enables teams to resize the different sections.

The screenshot shows the 'cars-rest Session Data' view in DevTest 10.2. The interface is a tabbed view with two main tabs: 'Session Information' and 'Response Information'. The 'Session Information' tab is currently selected, showing a table with the following data:

Session ID	Created On	Modified On	Transaction Count	Client ID	Most Recent Request
Stateless	12/20/2017 7:16:00 AM	12/20/2017 7:16:12 AM	14	127.0.0.1:53920	GET /loan/lisa.simpson/()

Below the table, there is a pagination bar showing '1 - 1 of 1 items'. The 'Response Information' tab is also visible, showing a list of requests with columns: Created On, Operation, and a detailed view of the request and response.

- The changes made to the session tracking view enables us to resize the sections within the view.
- This will help teams to resize and view the needed information.

Expand / Collapse

In DevTest 10.2, we can expand / collapse the request / response information in session data view screen.

- Session Data View now provides the ability to expand / collapse request / response details.

Chapter 4: VSE Monitor Improvements

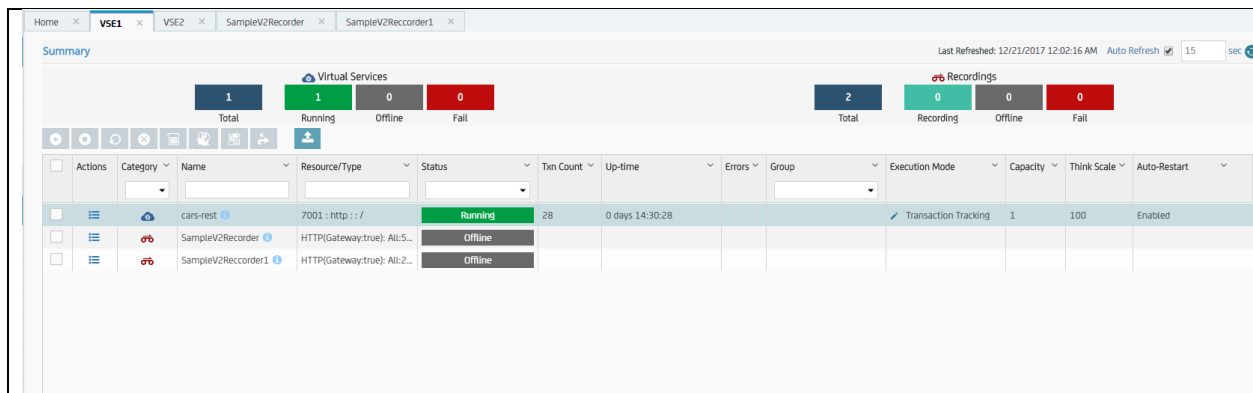
Group Tag Drop down

In DevTest 10.2 portal, the group tab in Virtual service inspector view is now a drop down where users can choose the group with which to filter the view.

- As shown above, the group tag is now a drop down where users can choose the group by which to filter the view.
- Prior to this, users had to type the value, which can be difficult, if there are a lot of groups.
- The drop-down feature enables users to choose the group names instead of typing.

V2 Recordings View

The service inspector view in DevTest 10.2 now also shows V2 recorders information.

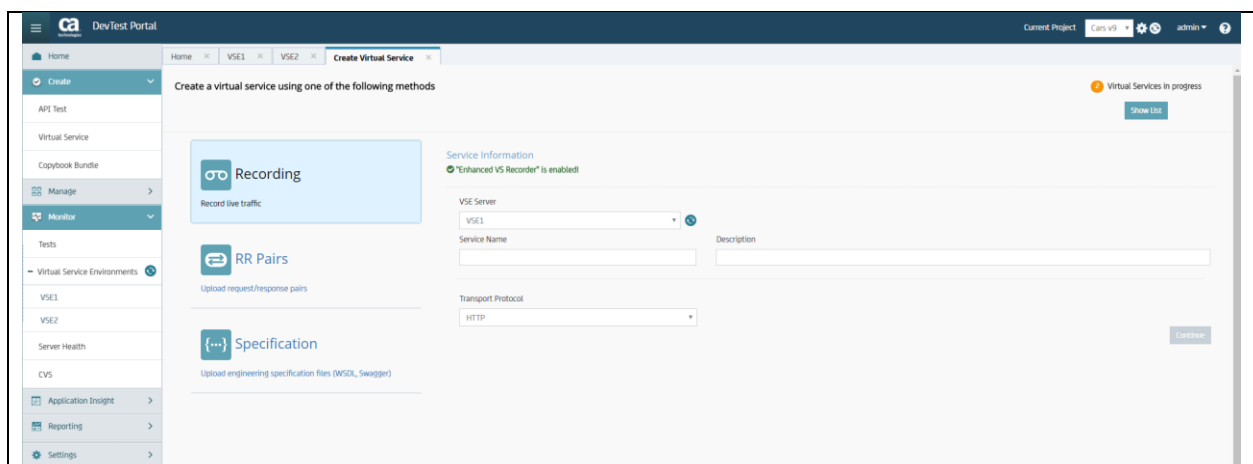


- As shown above, the inspector view now shows V2 Recorder information along with Virtual services details.

Chapter 5: Create VS Improvements

Create VS Landing Page

In DevTest 10.2 portal, Create VS Landing page now opens as a separate tab.



- Create VS landing page now opens in a separate tab in portal.
- This will enable users to setup recorder along with performing other operation by switching between tabs. This will also ensure consistency in the way screens are presented within portal.