Oracle FLEXCUBE Direct Banking

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Preface

Intended Audience

Any interested party working on the delivery of Oracle FLEXCUBE Direct Banking may read this document. The following profile of users would find this document useful:

- Application Architects
- End to End Designers
- Business Service Detailed Designers and Developers
- Implementation Partners

Specifically, however, this document is targeted at limplementation Partners, Customization Development Teams or Vendors providing customization, configuration and implementation services around the Oracle FLEXCUBE Direct Banking product.

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Structure

This document provides the structure of the XML that is understood by Oracle FLEXCUBE Direct banking mobile applications on various platform. The name and meaning of XML elements and their attributes are provided in tabular structure.

Related Information Sources

Introduction

Oracle FLEXCUBE Direct Banking provides applications on various mobile platforms such as iOS, Java etc. These mobile applications are designed to read data in pre-defined XML or JSON structure and render the screen accordingly. Following table indicates the data format understood by mobile applications.

Application	Data Protocol Being Used
J2ME Plain	XML
J2ME Rich	XML
iPhone	XML
iPad	XML
Android Phone	XML
Android Tablet	XML

The structure of data as understood by these clients is mentioned in subsequent sections.

XML API Structure

- ✓ Supported
- Not Supported [Ignored]
- ☑ Partially Supported

Field	Prefix	Description	Attributes	Possible	Attribute	S	upported	on client	
				Attribute Values	Description	J2ME Rich	J2ME Plain	i- Phone	i- Pad
Root Node	F	This is the root node of the output xml given to J2Me thin client.	None	None	None	✓	✓	✓	✓
Header	Н	This node is to store the	t	Integer	Return code	√	√	√	√
		return code of the response	r	String	Request ID	√	√	√	√
		xml.	tz	String	date-time with time zone	×	×	×	√
			fn	String	first name of logged in user	×	×	×	√
Message	М	This node is to display the	t	w	Type: Warning message	√	√	✓	✓
		message.		е	Type: Error message	√	√	✓	✓
				S	Type: Success message	√	√	√	√

				f	Name of the field in case of failure (used for field highlighting)	*	*	✓	✓
				String	Message	V		V	V
Select Box	S	This node is to form a	n	String	Field Name	√	√	√	✓
		select box.	id	String	Indicates a unique id for component	×	×	✓	✓
			m	Y	Indicates that the field is mandatory	×	×	√	✓
				N	Indicates that the field is not mandatory				
						×	×	V	V
			I	String	Label for select box	√	√	√	✓
			t	а	To be rendered as segmented control	×	×	×	✓
			а	String	Alt text to be displayed as place holder in text field	×	*	✓	✓
			i	String	Index of selected option in the dropdown.	√	√	✓	✓

g	String	Class name of respective CSS				
			×	×	✓	✓
dX	0.0 – (any float value)	Left Margin of the component				
			×	×	✓	✓
dY	0.0 – (any float value)	Top margin of the component				
			×	×	✓	√
dW	0.0 – (any float value)	Width of the Component				
			×	×	√	√

	bt	Integer	This attribute indicates the stepnumber for that component				
				×	×	√	✓
	С	String [<drop- down value>#<comma separated field names to be disabled>#Y/N]</comma </drop- 	This attribute indicates an action to be done on dropdown value selection				
			(If dX is used then dRX cannot be used for same tag and vice-versa)	×	*	√	√
			Right to Left margin of the component				
	dRX	0.0 – (any float value)	RTL language specific				
				×	×	✓	√
	dH	0.0 – (any float value)	Height of the component				

			d	String(dp- indicates default option; ndp-indicates no default option)	This attribute indicates whether a default label option is required or not.				
						×	×	√	√
			vi	String	This attribute indicates the default selected option.				
						×	×	√	✓
Option in Select box	0	This node is used to form the options in a	I	String	Description of the option for display	√	√	✓	√
		select box.	V	String	Value of the option	√	√	√	√
			t	String	Grouping key (example: customer + account type)				
						×	×	√	×
			d	String	Group Description	×	×	√	×
			b	String	JSON Hash table containing request parameters	×	×	✓	✓

			r	String	It contains Request Id.	×	×	✓	✓
			actid	String	Contains the Name of "Template Screen" which is invoked on Client Side to present the data	×	×	✓	✓
			tgtid	String	Contains the target Id (id of view or panel) in which data is being populated.				
						×	×	✓	✓
			f	String	This attribute indicates the value on the basis of which the options have to be filtered	×	×	✓	✓
Graph area	GR	This creates a graph area	n	String	This gives the name of the type	√	√	✓	✓
			dX	0.0 – (any float value)	Left Margin of the component				
						×	*	✓	✓

D (Depricated)	Enclosing the code with this node forms a div block around the display.	None	None	None				
		dH	0.0 – (any float value)	Height of the component	×	*	√	✓
		dW	0.0 – (any float value)	Width of the Component	×	×	√	✓
		id	String	Indicates a unique id for component	×	*	√	√
		dY	0.0 – (any float value)	Top margin of the component	×	×	√	√

Search Drop	D	This	dX	0.0 – (any float	Left Margin of				
Down		contains a		value)	the component				
		Drop-Down							
		with a							
		Button and							
		search box.				×	×	1	/
						-	-		•
		T l	dY	0.0 – (any float	Top margin of				
		The search text can be		value)	the component				
		entered in							
		box and					,		
		order can be				×	×	V	V
		maintained			_				
		by button	id	String	Indicates a				
		(either in			unique id for	×	×	\checkmark	\checkmark
		ascending or			component				
		descending manner).	dW	0.0 – (any float	Width of the				
		indinier).		value)	Component				
						×	×		
						•	•	V	V
			dH	0.0 – (any float	Height of the				
				value)	component				
				,	•				
						x	x		/
									•
			g	String	Class name of				
			٥	2011118	respective CSS				
						40	•		
						×	×	V	V

			dRX	0.0 – (any float value)	RTL language specific				
					Right to Left margin of the component				
					(If dX is used then dRX cannot be used for same tag and vice-versa)	×	×	√	✓
			bt	Integer	This attribute indicates the stepnumber for that component	×	×	✓	✓
Text Area for Search Drop Down	I	This field is used to form a text area for search drop	а	String	Alt text to be displayed as place holder in text field	×	×	√	✓
		down.	S	Integer	Maximum length of the text box	×	×	√	✓
			V	String	Value of the label	×	×	√	√
			n	String	Name of the field	✓	√	√	√
			I	String	Description of the label	√	√	✓	√
			dX	0.0 – (any float value)	Left Margin of the component	×	×	✓	✓
			dY	0.0 – (any float value)	Top margin of the component	×	×	✓	✓

			dW	0.0 – (any float value)	Width of the Component	×	×	√	✓
			dH	0.0 – (any float value)	Height of the component	×	×	√	√
			dRX	0.0 – (any float value)	RTL language specific				
					Right to Left margin of the component				
					(If dX is used then dRX cannot be used for same tag and vice-versa)	×	×	√	✓
			g	String	Class name of respective CSS	×	×	√	√
Image Button for Search Drop Down	IB	It contains button with image.	dW	0.0 – (any float value)	Width of the Component				
DOWII		Does not				×	×	√	√
		have any alternate text for	dH	0.0 – (any float value)	Height of the component				
		image.				×	×	√	√
			dX	0.0 – (any float value)	Left Margin of the component				
						×	*	√	✓

	1
dY 0.0 – (any float Top margin of	
value) the component	
	V
dRX 0.0 – (any float RTL language	
value) specific	
Right to Left	
margin of the	
component	
Component	
(If dX is used	
then dRX	
cannot be used	
for same tag	
and vice-versa)	
	V
g String Class name of	
respective CSS	
Tespective C33	
	V
tgtid String Contains the	
target Id (id of	
view or panel)	
in which data is	
being	
populated.	
	/
	V
bgi String Name of the	
image selected	
for Background	
	V

			bt	Integer	This attribute indicates the stepnumber for that component	×	*	✓	✓
List Object	LO	SAME AS							
for Search		LIST OBJECT							
Drop Down		FOR LIST.							
Label for	L	SAME AS							
Search Drop									
Down		LABEL FOR							
		LIST.							
Option for	0	SAME AS							
Search Drop		ODTION FOR							
Down		OPTION FOR LIST.							
		LIST.							
Label	L	This node is	t	h	Transaction				\overline{V}
		used to			header				<u> </u>
		display labels.							Only 1
		labels.				\checkmark	1	Only 1 header	header per
						•	•	per XML	XML
			[for ordinary labels this attribute is not required]	S	Sub-heading	√	√	*	×
			requireuj				·		
				r	Image + label and right aligned	√	√	×	×
				i	Transaction Help text			V	V
]					Only one
						×	×	Only one help item per XML	help item per XML
			alv.	0.0 /=	1 of h h 4 : C				
			dX	0.0 – (any float value)	Left Margin of the component	×	×	✓	✓

			dY	0.0 – (any float value)	Top margin of the component	×	×	√	✓
			dW	0.0 – (any float value)	Width of the Component	×	×	√	✓
			dH	0.0 – (any float value)	Height of the component	×	×	√	√
			dRX	0.0 – (any float value)	RTL language specific				
					Right to Left margin of the component				
					(If dX is used then dRX cannot be used for same tag and vice-versa)	×	×	✓	✓
			g	String	Class name of respective CSS	×	×	✓	√
			I	String	Description of the label	√	✓	✓	✓
			id	String	Indicates a unique id for component	×	×	✓	✓
			V	String	Value of the label	√	√	✓	✓
			bt	Integer	This attribute indicates the stepnumber for that component	*	×	✓	✓
Text Field	1	This field is used to	n	String	Name of the field	√	√	√	✓

form a text box.	1	String	Label for the text box	√	√	✓	✓
	id	String	Indicates a unique id for component	×	×	✓	√
	S	Integer	Maximum length of the text box	√	√	√	✓
	p	s (String Keyboard)	It describes the Keyboard type				
		(Numeric Keyboard)					
		d (Decimal Keyboard)					
		e (e-mail)		×	×	✓	✓
	а	String	Alt text to be displayed as place holder in text field	×	*	✓	✓
	dX	0.0 – (any float value)	Left Margin of the component				
				×	×	✓	√
	dY	0.0 – (any float value)	Top margin of the component	×	×	✓	✓

			dW	0.0 – (any float	Width of the				
				value)	Component	×	×	√	√
			dH	0.0 – (any float value)	Height of the component	×	×	✓	√
			dRX	0.0 – (any float value)	RTL language specific				
					Right to Left margin of the component				
					(If dX is used then dRX cannot be used for same tag and vice-versa)				
						×	×	√	✓
			g	String	Class name of respective CSS	×	×	✓	√
			r	True/false	Indicates if the field in read only	×	×	×	✓
			bt	Integer	This attribute indicates the stepnumber for that component	×	×	✓	✓
Text Area	1	This field is used to form a text area.	t	b	Indicates that this is a text area	×	×	✓	✓
			n	String	Name of the field	×	×	√	√

I	String	Label for the text box	×	×	√	✓
S	Integer	Maximum length of the text box	×	×	✓	✓
а	String	Alt text to be displayed as place holder in text field	×	×	✓	✓
V	String	Value of the Text Area	×	×	✓	✓
dX	0.0 – (any float value)	Left Margin of the component				
			×	×	✓	✓
dY	0.0 – (any float value)	Top margin of the component	×	×	✓	√
dW	0.0 – (any float value)	Width of the Component	×	×	✓	√
dH	0.0 – (any float value)	Height of the component	×	×	✓	✓

			dRX	0.0 – (any float value)	RTL language specific Right to Left margin of the component (If dX is used then dRX cannot be used for same tag and vice-versa)				
						×	×	✓	√
			g	String	Class name of respective CSS	×	×	✓	✓
			id	String	Indicates a unique id for component	×	×	✓	✓
			r	True/false	Indicates if the field in read only	×	×	✓	✓
			bt	Integer	This attribute indicates the stepnumber for that component	×	×	✓	✓
Password Box	I	This field is used to form a text box for password.	t	р	Indicates that this is a password field	√	√	✓	✓
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	t	r	Indicates that this is a random password field	√	√	√	✓

	T	T = .	1			1	
	l1	String	Label for the				
			text box in case				
			of Random pin				
				V	V	V	V
	n	String	Name of the				
			field	V	V	V	V
	I	String	Label for the				
			text box(or				
			random				
			password index				
			in case of				
			Random pin	\checkmark			
			configuration)	•	•		
	S	Integer	Maximum				
	3	IIICECI					
			length of the	/		/	
			text box	•	•		_
	dX	0.0 – (any float	Left Margin of				
	ux						
		value)	the component				
				4.5	4.5		
				×	×	V	V
	dY	0.0 – (any float	Top margin of				
			I TOP IIIai giii Oi				
		value)	the component				
				*	x	√	
				×	×	✓	✓
	d\M	value)	the component	×	×	✓	✓
	dW	value) 0.0 – (any float	the component Width of the	×	×	√	✓
	dW	value)	the component	×	×	✓	✓
	dW	value) 0.0 – (any float	the component Width of the	×	×	✓	✓
	dW	value) 0.0 – (any float	the component Width of the			√	✓
	dW	value) 0.0 – (any float	the component Width of the	×	×	✓	✓
		value) 0.0 – (any float value)	the component Width of the Component			✓	✓
	dW	value) 0.0 – (any float	the component Width of the Component			✓	✓
		value) 0.0 – (any float value) 0.0 – (any float	Width of the Component Height of the			✓	✓
		value) 0.0 – (any float value)	the component Width of the Component			✓	✓
		value) 0.0 – (any float value) 0.0 – (any float	Width of the Component Height of the			✓	✓
		value) 0.0 – (any float value) 0.0 – (any float	Width of the Component Height of the	×	×	✓	✓
		value) 0.0 – (any float value) 0.0 – (any float	Width of the Component Height of the			✓	✓

	dRX	0.0 – (any float value)	RTL language specific				
			Right to Left margin of the component				
			(If dX is used then dRX cannot be used for same tag and vice-versa)				
				*	×	✓	✓
	g	String	Class name of respective CSS				
				×	×	✓	✓
	bt	Integer	This field indicates the stepnumber for that component	*	×	✓	✓
	id	String	Indicates a unique id for component	×	×	✓	✓
	р	s (String Keyboard)	It describes the Keyboard type				
		n (Numeric Keyboard)		×	×	√	√

				d					
				(Decimal Keyboard)					
				е	1				
				(e-mail)					
Hidden Field	I	This node is used to create hidden fields.	t	h	Indicates that this is a hidden field	✓	✓	√	✓
		neias.	n	String	Name of the field	√	√	√	√
			V	String	Value of the hidden field	✓	√	√	✓
Pre- defined hidden field for menu	I	This indicates the hidden field to be	t	u	Indicates that this is a pre- defined hidden field for menu				
		submitted along with the				√	√	√	√
		transaction request from menu.	n	String	Name of the field	✓	✓	√	√
		rom menu.	V	String	Value of the hidden field	✓	✓	√	√
Date	I	This field is used for date input	t (Indicates date field)	С	It shows a Picker/Calenda r (depending upon version) on click of a button.	Rendered as simple text box	Rendered as simple text box	Date picker	Date picker
				d	It Shows a Calendar Control.	×	×	√	√
			n	String	Name of the field	✓	✓	✓	√

id	String	Indicates a unique id for component	×	×	✓	✓
I	String	Label for the text box	√	√	√	✓
S	Integer	Maximum length of the text box	√	✓	✓	✓
sd	Date	Start date of calendar control	×	×	✓	✓
ed	Date	End date of calendar control	×	×	✓	✓
dX	0.0 – (any float value)	Left Margin of the component				
			×	×	✓	✓
dY	0.0 – (any float value)	Top margin of the component	×	×	✓	✓
dW	0.0 – (any float value)	Width of the Component	×	×	✓	√
dH	0.0 – (any float value)	Height of the component				
			*	×	✓	✓

			dRX	0.0 – (any float value)	RTL language specific				
					Right to Left margin of the component				
					(If dX is used then dRX cannot be used for same tag and vice-versa)	×	×	✓	✓
			g	String	Class name of respective CSS				
						×	×	✓	√
			а	String	Alt text to be displayed as place holder in text field	×	×	✓	✓
			bt	Integer	This attribute indicates the stepnumber for that component	×	*	✓	✓
		It contains button with image.	dW	0.0 – (any float value)	Width of the Component	×	*	✓	✓
Image Button	IB	Does not have any alternate text for	dH	0.0 – (any float value)	Height of the component				
		image.				×	×	√	√

dX	0.0 – (any float value)	Left Margin of the component				
			×	×	✓	√
dY	0.0 – (any float value)	Top margin of the component				
			×	×	✓	√
dRX	0.0 – (any float value)	RTL language specific				
		Right to Left margin of the component				
		(If dX is used then dRX cannot be used for same tag and vice-versa)	×	×	✓	✓
g	String	Class name of respective CSS				
			×	×	√	✓
id	String	Indicates a unique id for component	×	×	✓	✓

tgtid	String	Contains the target Id (id of view or panel) in which data is being populated.				
			×	×	✓	✓
bgi	String	Name of the image selected for Background				
			×	×	✓	√
g	String	Class name of respective CSS	×	×	✓	✓
t	m	Menu	×	×	√	√
	S	Submit	×	×	√	✓
	С	Confirm	×	×	√	✓
	b	Back	×	×	√	✓
	F	File attachment	×	×	√	✓
	р	Pdf download	×	×	√	√
	е	Exit / Log-off	×	×	✓	√
	A	ATG button	×	×	√	√
I	String	Label of the button				
			×	×	√	√

			n	String	Name of the button	×	×	✓	✓
			V	String	Value to be submitted on click of Button.	×	×	√	✓
			r	String	Request Id to be called on submit of button.				
					(In case of ATG button, this indicates the relative path of JSP to be called.)	×	×	✓	✓
			bt	Integer	This attribute indicates the stepnumber for that component	×	×	✓	✓
			S	String	Button style	×	×	√	√
			а	х	Action: Close the screen	×	×	√	√
				Y	Action: Close the screen and refresh previous screen	×	×	√	✓
Button	В	This node is used to	t	m	Menu	✓	√	×	×
		create buttons.		S	Submit	√	√	√	✓
				С	Confirm	√	√	√	√

		_					
		b	Back	√	√	√	√
		f	File attachment	√	√	√	√
		р	Pdf download	√	√	√	√
		е	Exit / Log-off	√	√	×	×
		а	ATG button	√	√	√	√
		х	Dismiss screens	√	√	×	×
		Dx	Dismiss modal table	✓	√	×	×
		Px	Dismiss popovers	√	√	×	×
	I	String	Label of the button	✓	√	√	√
	id	String	Indicates a unique id for component	×	×	√	√
	n	String	Name of the button	✓	√	√	√
	V	String	Value to be submitted on click of Button.				
				√	√	√	√
	r	String	Request Id to be called on submit of button.				
				√	√	√	√

		In case of ATG button, this indicates the relative path of JSP to be called.				
dW	0.0 – (any float value)	Width of the Component				
			×	×	✓	✓
dH	0.0 – (any float value)	Height of the component	×	×	✓	✓
dX	0.0 – (any float value)	Left Margin of the component				
			×	×	✓	✓
dY	0.0 – (any float value)	Top margin of the component	×	×	√	✓

Menu	N	This node is used to display	r	String	Request Id to be called on submit	√	✓	✓	√
			bt	Integer	This attribute indicates the stepnumber for that component	×	×	✓	✓
					the screen and refresh previous screen	×	*	✓	✓
			a	Y	Action: Close the screen Action: Close	×	×	✓	✓
			S	String	Button style	×	×	×	√
			g	String	Class name of respective CSS	×	×	✓	✓
					(If dX is used then dRX cannot be used for same tag and vice-versa)	×	×	✓	✓
				value)	Right to Left margin of the component				
			dRX	0.0 – (any float	RTL language				

		transaction on the menu.	I	String	Label for transaction to be displayed on menu screen	✓	√	✓	✓
			t1	String	Level 1 grouping	✓	√	√	√
			t2	String	Level 2 grouping	√	√	√	√
			l1	String	Level 1 group heading	✓	√	√	✓
			12	String	Level 2 group heading	✓	√	✓	✓
Favorite	Z	This node is used to specify favorite	r	String	Request Id to be called on submit	×	×	√	✓
		transaction	I	String	Label for transaction	×	×	√	√
Show/Hide control for Favorite and Notify options	Х	This node is used to decide if Favorite option is to be displayed or Notification	n	fldfav	Show Favorite option	×	×	✓	✓
		option to be displayed	n	fldnotify	Show Notification option	×	×	√	√
Google Map	К	This node contains the	t	A or B	Location type:				
		geographical data of the			A: ATM				
	locatio	location to be displayed			B: Branch	√	\checkmark	×	×
	on Google Map	I	String	Label indicating ATM / Branch	√	√	×	×	

			С	String	Color of the marker	√	√	×	×
			Х	Number	Latitude of the location	✓	√	×	×
			У	Number	Longitude of the location	✓	√	×	×
			а	String	Address	√	√	×	×
			bt	Integer	This field indicates the stepnumber for that component	×	×	√	✓
			n	String	Name of ATM / Branch	✓	√	×	×
Image from server side	P	This node indicates image to be displayed on the screen	u	String	This indicates the URL of image. If the URL starts with http then it is treated as complete URL. Otherwise it is treated as relative URL.	✓	√	✓	✓
			id	String	Indicates a unique id for component	×	×	✓	√
			dW	0.0 – (any float value)	Width of the Component	×	×	√	✓
			dH	0.0 – (any float value)	Height of the component	×	×	√	√

dX	0.0 – (any float value)	Left Margin of the component (If dX is used then dRX cannot be used for same tag)	*	*		
dY	0.0 – (any float value)	Top margin of the component	×	*	✓	✓
dRX	0.0 – (any float value)	RTL language specific Right to Left margin of the component (If dX is used then dRX cannot be used for same tag and vice-versa)				
g	String	Class name of respective CSS	*	×	√	√
bgi	String	Name of the image selected for Background	×	*	✓	✓ ✓

	tgtid	String	Contains the target Id (id of view or panel) in which data is being populated.	×	×	✓	✓
	а	String	Alt text to be displayed as place holder in Image from Server side	×	*	✓	✓
	S						
	r	String	It contains Request Id.	×	×	✓	✓
	t	С	Source of URL.				
		(location is on CLIENT side) S (location is on SERVER side)	It Contains the location from where the image should be fetched and the url of the image is mentioned in u attribute.				
				×	×	√	✓
	I	String	Label of the Image	×	×	√	✓

			bt	Integer	This field indicates the stepnumber for that component	*	×	✓	✓
UDF Field	U	This node indicates an UDF field	n	String	Field Name	✓	✓	✓	✓
Data Group	G	This tag indicates the group of data.	i	String	Indicates the group identifier.				
		The group is used to show/hide a group of data based on selection			The identifier should be same as the selected value of the drop down				
		of a grop down.				×	×	×	✓
		This Tag is used as Hyper link to download the files.	n	String	Field Name	√	√	√	√
File Attachment	A	the mes.	id	String	Indicates a unique id for component	×	×	✓	✓
Hyper Link			I	String	Label for the Hyper Heading	√	✓	✓	√
			dW	0.0 – (any float value)	Width of the Component				
						×	×	✓	✓

			dH	0.0 – (any float value)	Height of the component				
						×	×	√	✓
			dX	0.0 – (any float value)	Left Margin of the component				
						×	×	√	✓
			dY	0.0 – (any float value)	Top margin of the component				
						×	×	✓	✓
			dRX	0.0 – (any float value)	RTL language specific				
					Right to Left margin of the component				
					(If dX is used then dRX cannot be used for same tag and vice-versa)	×	×	✓	✓
			bt	Integer	This field indicates the stepnumber for that component	*	*	✓	✓
List of		This node is used to	I	String	file name	√	✓	✓	√
Attachments in Hyper link	E	form the list of	v	String	File reference number	√	✓	√	✓

		attachments							
		in the hyper link	S	String	File Size in kb	✓	√	✓	√
		This node is to form a Radio	n	String	Field Name	✓	√	√	√
		Button Group	m	Y	Indicates that the field is mandatory	×	×	✓	√
				N	Indicates that the field is not mandatory	×	×	√	√
			I	String	Label for Radio Group	√	√	√	√
			i	String	Index of radio button selected	√	√	√	√
Radio Group	R		a	String	Alt text to be displayed as place holder in text field	×	×	✓	✓
			dW	0.0 – (any float value)	Width of the Component				
						×	×	√	✓
			dH	0.0 – (any float value)	Height of the component				
						×	×	√	✓
			dX	0.0 – (any float value)	Left Margin of the component				
						×	×	√	✓

	dY	0.0 – (any float value)	Top margin of the component				
				×	×	✓	✓
	dRX	0.0 – (any float value)	RTL language specific				
			Right to Left margin of the component				
			(If dX is used then dRX cannot be used for same tag and vice-versa)				
				×	×	✓	✓
	g	String	Class name of respective CSS				
				×	×	✓	✓
	id	String	Indicates a unique id for component	×	×	√	✓
	cg	String	It is a common css class for all child elements of Radio group.	×	×	√	✓
	bt	Integer	This field indicates the stepnumber for that component	×	×	✓	✓

			t (type)	h (horizontal) v (vertical)	Indicates orientation of Radio Group	×	×	✓	✓
			L	String	Label for Radio Button	√	√	√	√
			v	String	Value of the Radio button	√	√	✓	√
		T I I	d	String	Field name to be disabled.	√	√	✓	√
		This node is used to form the Radio	е	String	Field name to be enabled.	√	√	✓	√
Radio button in Radio Group	Q	buttons.	r	String	It contains Request Id.	×	×	√	✓
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			b	String	Shows the behavior of Radio Group.	×	×	√	√
			tgtid	String	Contains the target Id (id of view or panel) in which data is being populated.				
						×	×	√	√

			actid	String	Contains the Name of "Template Screen" which is invoked on Client Side to present the data	×	*	✓	✓
Table View / List View	TV	This tag indicates that the contents inside should be shown in table or list view. For any transaction screen, one TV tag is mandatory.		String	Section Label	*	*	✓	✓
Accordion	AC	This tag supports Accordion.	id	String	This field indicates a unique id for this component	×	×	✓	✓
			r	String	It contains Request Id.	×	×	√	✓
			I	String	Label for Accordion.				
						×	×	✓	✓
			t (type)	B (bottom) L (left)	It specifies the positioning of the Accordion which appears before slide.	*	×	✓	✓

		R					
		, n					
		(right)					
	tid	String (id of Table associated)	Contains the id for the table which will appear on slide of Accordion.	×	×	√	√
	tH	0.0 – (any float value)	Height of the table which appears on slide.				
				×	×	√	✓
	tW	0.0 – (any float value)	Width of the table which appears on slide.				
				×	×	√	✓
	dW	0.0 – (any float value)	Width of the Component	×	×	√	√
	dH	0.0 – (any float value)	Height of the component	×	×	√	✓
	dX	0.0 – (any float value)	Left Margin of the component				
			(If dX is used then dRX cannot be used for same tag)				
				×	×	√	✓

			dY	0.0 – (any float value)	Top margin of the component	×	×	√	✓
			dRX	0.0 – (any float value)	RTL language specific				
					Right to Left margin of the component				
					(If dX is used then dRX cannot be used for same tag and vice-versa)				
						×	×	√	√
			g	String	Class name of respective CSS	×	×	✓	√
			bt	Integer	This field indicates the stepnumber for that component	×	*	✓	✓
List Object	LO	It is used to create List.	dW	0.0 – (any float value)	Width of the Component				
		It contains sub-fields O				×	×	✓	✓
		and L us as Option and label for list.	dH	0.0 – (any float value)	Height of the component				
						×	×	√	✓

						1
dX	0.0 – (any float	Left Margin of				
	value)	the component				
			×	×	1	1
						Ť
dY	0.0 – (any float	Ton margin of				
ur		Top margin of				
	value)	the component				
			×	×	V	V
dRX	0.0 – (any float	RTL language				
	value)	specific				
	value	Specific				
		Right to Left				
		margin of the				
		component				
		(If dX is used				
		then dRX				
		cannot be used				
		for same tag				
		and vice-versa)				
		and vice versa;				
			40	4.0		
			×	×	V	V
g	String	Class name of				
		respective CSS				
		'				
			×	×		/
			•	~	•	•
id	String	Indicates a				
		unique id for	×	×	/	
		component	*	•	V	V

	а	String	Alt text to be displayed as place holder in text field				
				×	×	✓	✓
	I	String	Label for List Object.				
				×	×	✓	✓
	i	String	Index of selected option in the dropdown.				
				×	×	✓	√
	n	String	Field Name	×	×	√	✓
	t (type)	Р	Indicated Popover Type of list.				
		R	Indicates the list type which is not a popover.	×	×	✓	✓
	nc	Integer	It contains Number of columns.	×	×	✓	✓
	tid	String (id of Table associated)	Opens up the pop-up on click of Button associated with the Respective table Id.	×	×	✓	✓
	oh	0.0 – (any float value)	It indicates Option Height.	×	×	√	√

			og	String	Contains Option class	×	×	√	√
			m	Y	Indicates that the field is mandatory				
						×	×	V	V
				N	Indicates that the field is not mandatory				
						×	×	V	V
Button Group	BG	It is used where buttons are required to	dW	0.0 – (any float value)	Width of the Component				
		be grouped together				×	×	✓	√
			dH	0.0 – (any float value)	Height of the component				
						×	×	√	√
			dX	0.0 – (any float value)	Left Margin of the component				
						×	×	√	√
			dY	0.0 – (any float value)	Top margin of the component				
						×	×	√	✓

	dRX	0.0 – (any float value)	RTL language specific Right to Left margin of the component				
			(If dX is used then dRX cannot be used for same tag and vice-versa)				
				×	×	√	✓
	g	String	Class name of respective CSS				
				×	×	✓	✓
	id	String	Indicates a unique id for component	×	×	✓	✓
	n	String	Field Name				
				×	×	✓	√
	nc	Integer	It contains Number of columns.	×	*		
	+ a+: d	Chrise	Compained		*	V	Y
	tgtid	String	Contains the targeted	×	*	✓	✓

			actid	String	Contains the actionid	×	×	✓	✓
			bg	String	Button class	×	×	√	✓
			Lg	String	Label class	×	×	✓	✓
			bW	String	Button width	×	×	√	✓
			bH	String	Button height	×	×	✓	✓
			r	String	Requestid	×	×	✓	✓
			rH	String	Row ht	×	×	✓	✓
Option in List Object	0	It is used as Option field with List.	V	String	Value of the List.	×	×	√	✓
Label in List Object.	L	It is used along with list object	V	String	Display label of the List.	×	×	√	√
			g	String	It contains the CSS class for Label.	×	×	✓	✓
			dW	0.0 – (any float value)	Contains label width.	×	×	✓	√
			dH	0.0 – (any float value)	Contains label height.	×	×	√	√

					×	×	√	✓
		tX	0.0 – (any float value)	Left Margin of the table				
				6.24	×	×	√	✓
		tY	0.0 – (any float value)	Top margin of the table				
					×	×	√	✓
		tW	0.0 – (any float value)	Width of the table				
					×	×	✓	✓
		tH	0.0 – (any float value)	Height of the table				
				(If tX is used then tRX cannot be used for same tag and vice-versa)	×	*	✓	✓
				Right to Left margin of the table				
Table	Т	tRX	0.0 – (any float value)	RTL language specific				

W	Webview	It shows Webview on the client side.	t	(Login required Webview)	Indicates type of view where login is required. (e.g. used in case of personalized offers)	×	×	✓	✓
			t (type)	H (hidden-table) S (table to be Shown on screen)	It indicates the type of table. The table can be hidden or it may appear on screen.	×	×	✓	✓
			I	String	Label of the Table.	×	×	√	✓
			pid	String	It contains Parent Table Id.	×	×	✓	✓
			id	String	Contains the target Id (id of view or panel) in which data is being populated.				
			g	String	Class name of respective CSS	×	×	✓	✓

	n (non-login Webview)	Indicates type of view where login is not required. Client simply loads the URL into webview.				
V	String	Name of the URL to be given.	×	×	✓	✓
id	String	Indicates a unique id for component	×	×	✓	✓
dW	0.0 – (any float value)	Width of the Component				
			×	×	✓	✓
dH	0.0 – (any float value)	Height of the component				
			×	×	✓	✓
dX	0.0 – (any float value)	Left Margin of the component				
			×	×	√	√
dY	0.0 – (any float value)	Top margin of the component				
			×	×	√	✓

			dRX	0.0 – (any float value)	RTL language specific				
					Right to Left margin of the component				
					(If dX is used then dRX cannot be used for same tag and vice-versa)				
						×	×	✓	✓
			g	String	Class name of respective CSS				
						×	×	✓	✓
			n	String	Field Name	×	×	√	✓
			bt	Integer	This field indicates the stepnumber for that component	×	×	✓	✓
Segmented Button	SB	Creates a Segmented	n	String	Field Name	×	×	√	√
		Button. This field	I	String	Label of the Button.	×	×	✓	✓
		contains a sub-field B for the	t (type)	h (horizontal)	Indicates orientation of Segmented	×	×	√	✓

buttons.		V	Button.				
		(vertical)					
	cg	String	It is a common css class for all child elements of Segmented Button.	×	×	√	✓
	id	String	Indicates a unique id for component	×	×	√	√
	dW	0.0 – (any float value)	Width of the Component				
				×	×	√	√
	dH	0.0 – (any float value)	Height of the component				
				×	×	√	√
	dX	0.0 – (any float value)	Left Margin of the component				
				×	×	✓	√
	dY	0.0 – (any float value)	Top margin of the component				
				×	×	✓	✓

			dRX	0.0 – (any float value)	RTL language specific Right to Left margin of the component (If dX is used then dRX cannot be used for same tag and vice-versa)				
						×	×	✓	✓
			g	String	Class name of respective CSS				
						×	×	✓	✓
			bt	Integer	This field indicates the stepnumber for that component	×	*	✓	✓
Grouped- Labels	GL	It is used for grouping	n	String	Field Name	×	×	✓	√
		labels together as a grouped header	id	String	Indicates a unique id for component	×	×	✓	✓
		label.	dW	0.0 – (any float value)	Width of the Component	×	×	√	✓
		sub-filed L for labels.	dH	0.0 – (any float value)	Height of the component	×	×	✓	✓

Label in Grouped- Labels (GL)	L	Creates labels for Grouped-	dW	0.0 – (any float value)	Width of the Component	×	×	✓	✓
			bt	Integer	This field indicates the stepnumber for that component	×	×	✓	✓
			g	String	Class name of respective CSS	×	×	✓	✓
					(If dX is used then dRX cannot be used for same tag and vice-versa)	×	×	✓	✓
					Right to Left margin of the component				
			dRX	0.0 – (any float value)	RTL language specific				
			dY	0.0 – (any float value)	Top margin of the component	×	×	✓	✓
					(If dX is used then dRX cannot be used for same tag)	×	×	✓	✓
			dX	0.0 – (any float value)	Left Margin of the component				

		labels. These labels	I	String	Label of the Field.	×	×	✓	✓
		together are part of Grouped Label.	g	String	It contains the CSS class for Label.	×	×	✓	✓
Pop Up Button	РВ	Creates button which results in a	dW	0.0 – (any float value)	Width of the Component	×	×	√	✓
	ʻpop-up' event.	dH	0.0 – (any float value)	Height of the component	×	×	✓	✓	
			dX	0.0 – (any float value)	Left Margin of the component				
					(If dX is used then dRX cannot be used for same tag)				
						×	×	√	✓
			dY	0.0 – (any float value)	Top margin of the component	×	×	✓	✓

	dRX	0.0 – (any float value)	RTL language specific Right to Left margin of the component (If dX is used				
			then dRX cannot be used for same tag				
			and vice-versa)	×	×	✓	✓
	g	String	Class name of respective CSS	×	*	✓	✓
	pW	0.0 – (any float value)	popup screen width	×	×	√	√
	рН	0.0 – (any float value)	popup screen height	×	×	√	✓
	id	String	Indicates a unique id for component	×	×	✓	√
	а						
	S						
	I	String	Label of the Image	×	×	✓	✓
	pi	String	It adds Image to the Pop-Up Button with specified position.	×	*	✓	✓

	tid	String (id of Table associated)	Opens up the pop-up on click of Button associated with the Respective table Id.	×	×	✓	✓
	bt	Integer	This field indicates the stepnumber for that component	×	×	√	√