

How can I Upload Requirements to Quality Center?

QA Non-Functional Team 02/21/2013

Points to Remember

- The QC-enabled excel in the subsequent slides is <u>not</u> a replacement for the BRD template from the QA Standardization team. It is an intermediary tool to facilitate the uploading of the BRDs to Quality Center
- · The QA team should be contacted for the most latest BRD template available
- The BRD template is owned by the QA Standardization team
- It is recommended that the BRDs be signed-off on by the QA team prior to uploading to Quality Center
- The objective of uploading BRDs to Quality Center is to allow the linking of test-cases to requirements for traceability
- The order in which requirements are uploaded to Quality Center is BRD followed by FRD followed by DD
- Responsible parties during the BRD upload process:
 - ➤ Who upload the BRDs for a project to QC? SIT Manager and/or Test Lead

Link to Requirements Macro Tool



- Utilizing the macro tools available, the BTMU requirements document can be uploaded to Quality Center with the click of a button
- The macro tools to upload BRDs/FRDs/DDs can be found here: X:\BANK_SHR\CMQA_SHR\WFT\Quality Center\QC Templates\BRD 1

BRD columns uploaded to Quality Center

	2	3 4 5 6	7	8	9	10	11	12	13	14	15	16	17	18	21	26	34	54	60	61	62	63
2																						
3	Business Requirements								CAT	EGO	RY		_							PMO REVIE	N	
4	BRD Summary	BRD ID # Calc Upload to QC	BRD ID#	Туре	Busine User Action	ss Requirem System Response	Alternate Flow / Exception Flow / Business Rule	CATEGORY	Must Have ?	Priority	Complexity / Risk	Documented During	Documented Date	BU REVIEW	T REVIEW	SME REVIEW	QA REVIEW	FINDOR EVAL	PMO REVIEW	System Name	In Scope (Y / N)	Comments
6										_			_									
8																						
10 11																						
12 13																						
15																						

- 1. Open the excel 'Requirements to QC.xls' under the BRD folder. Navigate to BRD sheet.
- 2. The columns highlighted above are the ones that are exported to Quality Center. Below is the mapping from BRD sheet to Quality Center. The column number is in parenthesis.

Note: If the column number in the requirements document for your project is different from the ones in parenthesis below, the macro will fail. Contact the QC Admin team if that is the case

BRD Summary [2] -> Requirement Summary	Must Have? [13] -> Comments
BRD ID [7] -> Requirement Name	Priority [14] -> <i>Priority</i>
Type [8] -> Requirement Type	Complexity/Risk [15] -> Complexity/Risk
User Action [9] -> User Action	Documented During [16] -> Comments
System Response [10] -> System Response	Documented Date [17] -> Creation Date
Alternate Flow/Exception Flow/Business Rule [11] -> Comments	In Scope [62] -> In Scope
Comments [63] -> Comments	

FRD columns uploaded to Quality Center

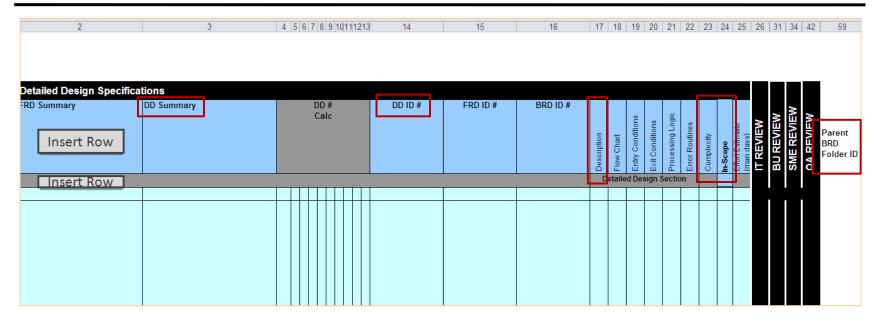
2	3	4 5 6 7 8 9 10	11	12	13	14	15	16	17 22 25 33 50
Functional Design S	pecifications								
BRD Summary	FRD Summary	FRD ID#	FRD ID#	BRD ID	FRD Detail				2
		Calc				_		mate	A MI A Parent
Insert Row						lexit	ado	Estin	A REVIEW BRD Polder ID Pol
						Complexity	In-Scope	Effort Estimate (man days)	IT REVIEW BU REVIEW AME REVIEW AME REVIEW Lorder ID AME REVIEW AME REVIEW AME REVIEW AME REVIEW AME
						۳	=	шз	

- 1. Open the excel 'Requirements to QC.xls' under the BRD folder. Navigate to Functional Design sheet.
- 2. The columns highlighted above are the ones that are exported to Quality Center. Below is the mapping from Functional Design sheet to Quality Center. The column number is in parenthesis.

Note: If the column number in the requirements document for your project is different from the ones in parenthesis below, the macro will fail. Contact the QC Admin team if that is the case

FRD Summary [3] -> Requirement Summary
FRD ID [11] -> Requirement Name
FRD Detail [13] -> Requirement Details
Complexity/Risk [14] -> Complexity/Risk
In Scope [15] -> In Scope
Parent BRD Folder ID [50] -> Req ID of the parent BRD folder

DD columns uploaded to Quality Center



- 1. Open the excel 'Requirements to QC.xls' under the BRD folder. Navigate to Detailed Design sheet.
- 2. The columns highlighted above are the ones that are exported to Quality Center. Below is the mapping from Detailed Design sheet to Quality Center. The column number is in parenthesis.

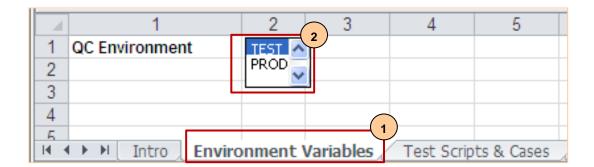
Note: If the column number in the requirements document for your project is different from the ones in parenthesis below, the macro will fail. Contact the QC Admin team if that is the case

DD Summary [3] -> Requirement Summary
DD ID [11] -> Requirement Name
Description[13] -> Description
Complexity [14] -> Complexity/Risk
In Scope [15] -> In Scope
Parent BRD Folder ID [50] -> Req ID of the parent BRD folder

Begin the Upload Process

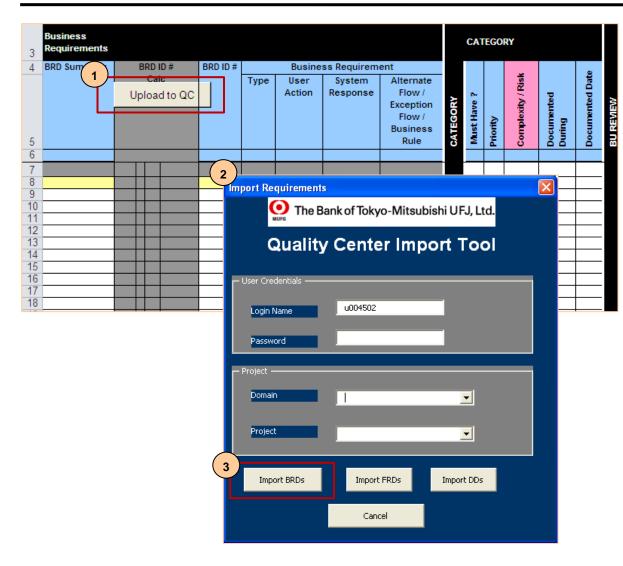
Getting Started with the Upload

Uploading BRDs to Quality Center – Specifying Environment Variables



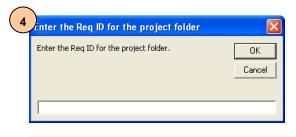
- Open the requirements macro excel
- 2. Navigate to 'Environment Variables' sheet 1
- Select the QC environment that you want to upload the requirements to – test QC instance or prod QC instance. Note that default selection is test (2)

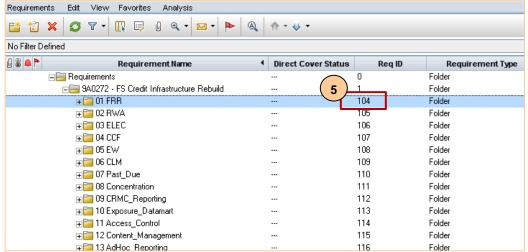
Uploading BRDs to Quality Center

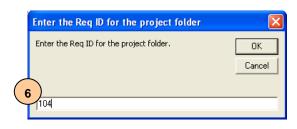


- From the shared link provided, navigate to the BRD folder
- Open the excel 'Requirements to QC.x/s' under the BRD folder.
- Navigate to BRD sheet
- Copy-paste the entire BRD sheet from your project document into this template
- Verify the column names as per the grid provided on <u>slide #3</u>
- If the column names appear to be different, contact the QC Admin team for assistance
- Once everything looks good, click on the Upload to QC button
- 8. Import Requirements pop-up renders (1)
- Enter your Login Name and Password which is your network ID and system password. (2)
- Enter the Domain and Project name where you want the BRDs uploaded
- 11. Click on the Import BRDs button 3

Uploading BRDs to Quality Center – contd.

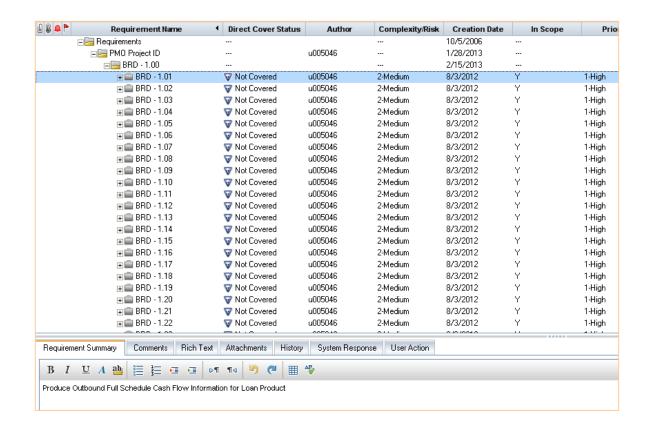






- You will be prompted to enter the Req ID for the folder under which you want the BRDs added (4)
- To get this Req ID, navigate to Quality center Requirements tab and enter the Req ID for the folder [usually the project folder] (5)
- 11. In this example, the Req ID for the folder is 104. Note that tt could also be 1.
- 12. Enter 104 in the prompt box 6
- 13. Click OK
- 14. BRD upload has begun
- After successful upload, a message will pop up indicating that the BRDs were successfully uploaded to Quality Center
- Now you can go to Quality Center and refresh and view the uploaded BRDs under the folder specified

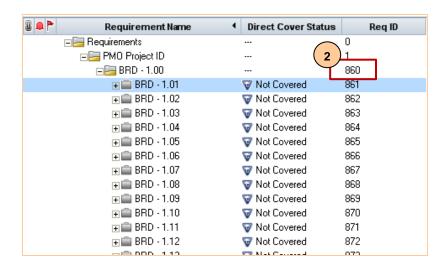
Uploaded BRDs to Quality Center



Here is a snapshot of the uploaded BRDs in Quality Center

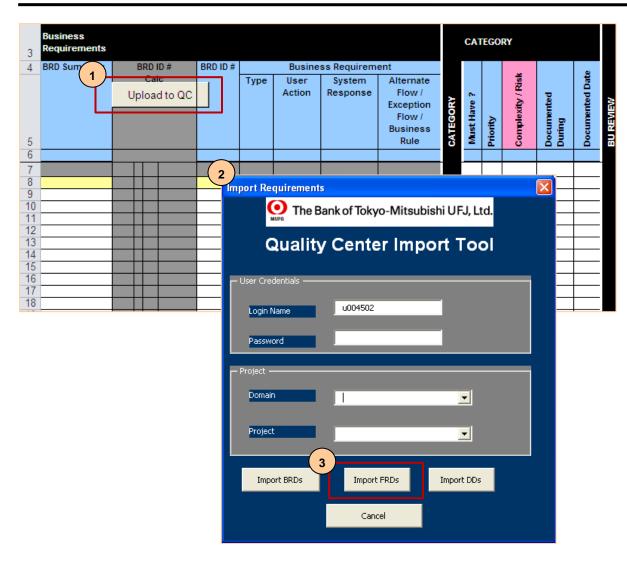
Uploading FRDs to Quality Center – Prep work

BRD Summary Inser	FRD Summary		D III				FRD ID #	BRD ID	FRD Detail	Complexity	In-Scope	Effort Estimate (man days)	IT REVIEW	BU REVIEW) DEVIE	Parent BRD Folder ID
BR-53 FUNDs Forward Transaction Facility should maintain linkage to its Transaction's Denormalized files.	Enhance DQ report for Linkage Check: No Development: Linkage Check will automatically start checking this rule since it is driven by	2	 2 0) .	0	0	FRD - 1.01.01	BRD - 1.01	Existing DQ Linkage reports & Business rules reports will suffice this requirement, no additional coding is required.	M	Υ					860



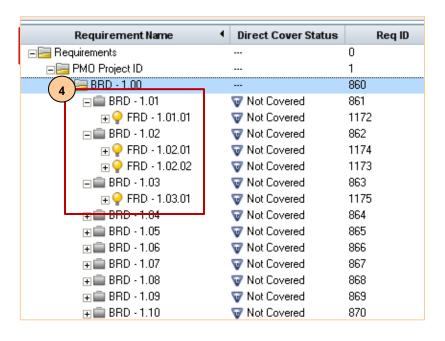
- From the shared link provided, navigate to the BRD folder under Prod QC or Test QC folder, as the case may be
- Open the excel 'Requirements to QC_PROD.xls' OR 'Requirements to QC_TEST.xls' under the BRD folder.
- Navigate to the Functional Design sheet
- Copy-paste the entire Functional Design sheet from your project document into this template
- Verify the column names as per the grid provided on <u>slide #4</u>
- If the column names appear to be different, contact the QC Admin team for assistance
- 7. If everything looks good, in column 50, enter the Req ID of the parent BRD Folder in QC 1
- To get this Req ID, consider this example: The parent BRD of FRD 1.01.01 is BRD 1.01. The BRD folder in QC for BRD 1.01 is BRD 1.00. The Req ID for this folder is 860 (2)
- Enter the parent BRD folder Req ID for all rows in the Functional Design sheet
- 10. The FRDs are now ready to upload to QC

Uploading FRDs to Quality Center



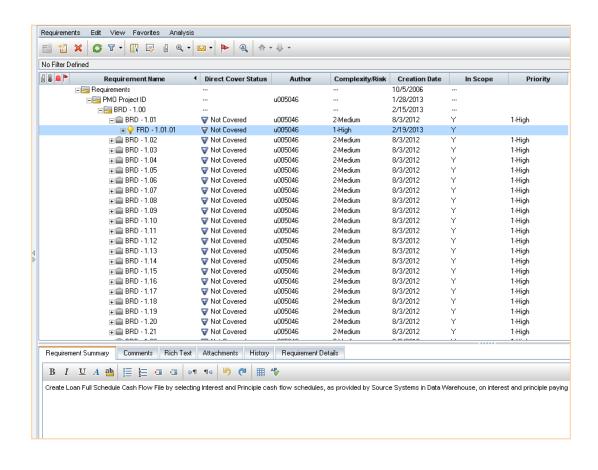
- 1. Navigate to the BRD sheet and click on the Upload to QC button (1)
- 2. Import Requirements pop-up renders (2)
- Enter your Login Name and Password which is your network ID and system password.
- 4. Enter the Domain and Project name where you want the FRDs uploaded
- 5. Click on the Import FRDs button 3
- 6. FRD upload to QC has begun
- After successful upload, a message will pop up indicating that the FRDs were successfully uploaded to Quality Center
- Now you can go to Quality Center and refresh and view the uploaded FRDs under the BRD folder specified

Uploading FRDs to Quality Center



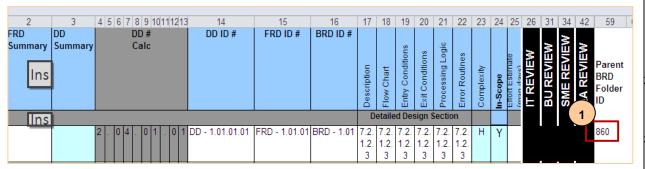
10. FRDs are nested under the respective parent BRDs 4

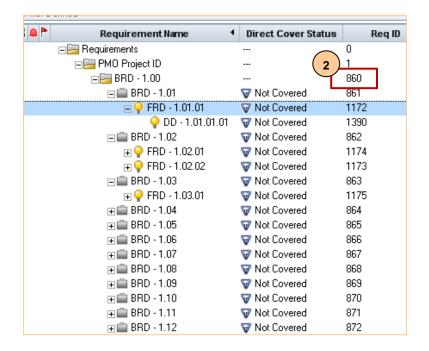
Uploaded FRDs to Quality Center



Here is a snapshot of the uploaded FRDs in Quality Center

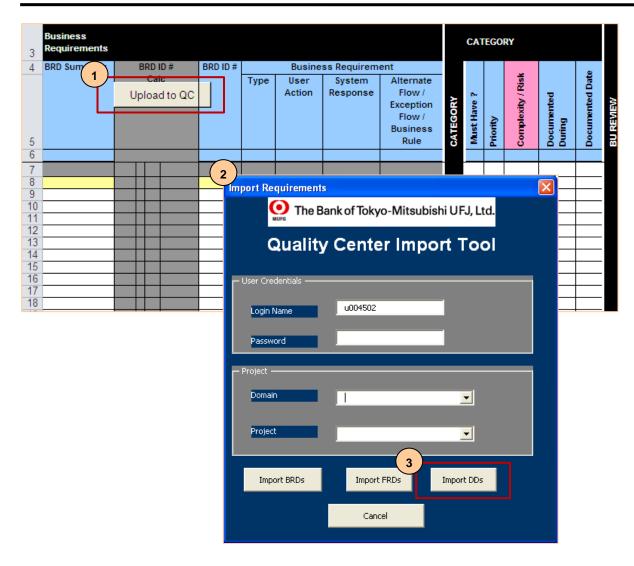
Uploading DDs to Quality Center – Prep work





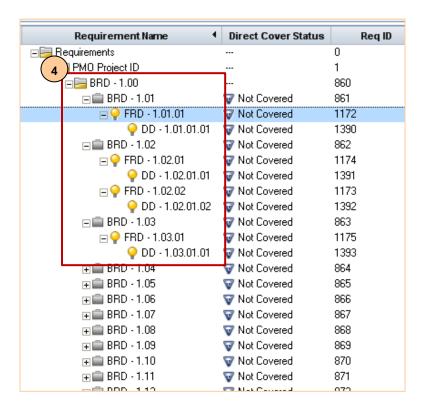
- From the shared link provided, navigate to the BRD folder under Prod QC or Test QC folder, as the case may be
- Open the excel 'Requirements to QC_PROD.xls' OR 'Requirements to QC_TEST.xls' under the BRD folder.
- Navigate to the Detailed Design sheet
- Copy-paste the entire Detailed Design sheet from your project document into this template
- Verify the column names as per the grid provided on <u>slide #5</u>
- If the column names appear to be different, contact the QC Admin team for assistance
- If everything looks good, in column 59, enter the Req ID of the parent BRD Folder in QC 1
- To get this Req ID, consider this example: The parent BRD of DD 1.01.01 is BRD 1.01. The BRD folder in QC for BRD 1.01 is BRD 1.00. The Req ID for this folder is 860 2
- Enter the parent BRD folder Req ID for all rows in the Detailed Design sheet
- 10. The DDs are now ready to upload to QC

Uploading DDs to Quality Center



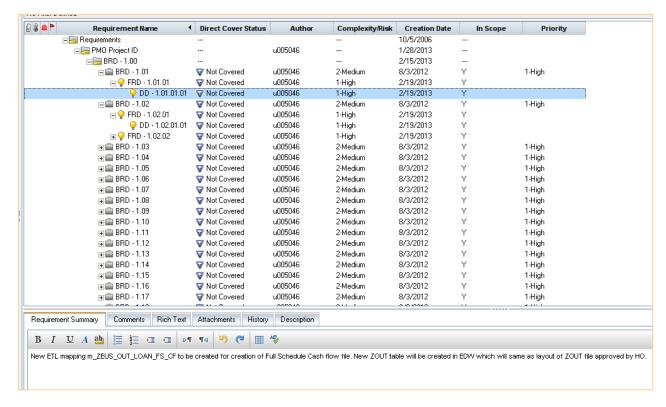
- I. Navigate to BRD sheet
- 2. Click on the Upload to QC button
- 3. Import Requirements pop-up renders (2)
- Enter your Login Name and Password which is your network ID and system password.
- Enter the Domain and Project name where you want the FRDs uploaded
- 6. Click on the Import DDs button 3
- 7. FRD upload to QC has begun
- After successful upload, a message will pop up indicating that the DDs were successfully uploaded to Quality Center
- Now you can go to Quality Center and refresh and view the uploaded DDs under the BRD folder specified

Uploading DDs to Quality Center

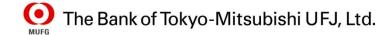


10. DDs are nested under the respective parent FRDs 4

Uploaded DDs to Quality Center



Here is a snapshot of the uploaded DDs in Quality Center



QC Admin Contacts

For any questions or comments, contact the QC Admin support team at Grp_Quality_Center_Support