

## Introduction:

The EDSC TechOps team is required to perform critical checks during upgrades and monthly patching on multiple Relativity on-prem environments including Relativity EDSC, UAT, RSA, MFA and Global URLs. These activities are redundant and require a lot of manual efforts in order to test the Relativity functionality within the stipulated testing window. Dev QA Automation team developed and automated the above process which resulted in reduced manual hours and generated good ROI during Relativity upgrades.

## Tool Benefits

- Tool comes as a Windows executable file (.exe format) with simple User Interface and can be installed and launched from any machine  
(Note: For now, we would be restricting user to use this tool within ED domain-based machines i.e. not on the local laptops).
- The Input Sheet is self-explanatory with below benefits:
  - The sheet has columns to provide insights of the field name, all required data for creating field. Column "Notes" has been added, user can input the text in this column as per requirement in the input sheets.

	A	B	C	D	E	F
1	Check Name	Create_New_Workspace	Status	Timestamp	WorkspaceArtifactId	Error message
2	WorkspaceName	Test_Workspace	Pass	5:24 PM	9580687	
3	WorkspaceTemplate	COM DELOITTE DISCOVERY				
4	Resource pool Id	1461283				
5	Database Location Artifact Id	1809378				

*Make sure to disable protected mode settings of the excel sheet*

- In few scenarios, when data is required to be provided by user in input sheet, Error message would be displayed.  
For Example: "Manual intervention: Please create it manually as per the requirements as for the field type: 'Fixed-Length Text' && get field is relational is 'YES'"

	Object Type	Name	Field Type	IS Required	Include in Text Index	Unicode	Is Relational	Friendly name	Associated Object type	Notes	Status	Timestamp	Error message
1													
2	Document	New Field31	Yes/No	No	No	Yes	No			Creating new field on 10th Jan 2019	PASS, field created	11:41 AM	
3	Document	New Field32	Yes/No	No	No	Yes	No			Creating new field on 10th Jan 2019	PASS, field created	11:44 AM	
4	Document	New Field38	Fixed-Length Text	No	No	Yes	No			Creating new field on 10th Jan 2019	PASS, field created	12:02 PM	
5	Document	New Field39	Fixed-Length Text	No	No	Yes	Yes			Creating new field on 10th Jan 2019	Fail	12:03 PM	Manual intervention : Please create it manually as per the requirements as for the field type : 'Fixed-Length Text' && get field is relational is 'YES'

Post enhancements addition, the results would look like below screenshot:

- Workspace ID will be updated in the last column.

S.No	Object Type	Name	Field Type	IS Required	Include in Text Index	Unicode	Is Relational	Friendly name	Associated Object type	Notes	Status	Timestamp	Error message	Workspace Name
1	Document	New Field31	Yes/No	No	No	Yes	No			Creating new field on 10th Jan 2019	PASS, field c	11:41 AM		WR225096_Regression_Testing_Edited
2	Document	New Field32	Yes/No	No	No	Yes	No			Creating new field on 10th Jan 2019	PASS, field c	11:44 AM		WR225096_Regression_Testing_Edited
3	Document	New Field34	Single Object	No	No	Yes	No		Build	Creating new field on 10th Jan 2019	PASS, field c	11:47 AM		WR225096_Regression_Testing_Edited

- Post execution, the tool performs the following:
  - Execution results will get updated in the same input sheet uploaded by user.
  - Each field with status as either PASS or FAIL is highlighted in Green or Red color respectively as shown below.
- “Submit” button on the tool UI is disabled during the tool run. This is done to avoid any accidental resubmission of Relativity checks request, which would create a loop and run the tool again unnecessarily.

### Tool Limitations

- User should not open the input sheet during the execution of the tool.
- Make sure to Log off the system once you are done with execution, so that no temp files for excel exists, hampering the execution of the tool.

## Get in touch.

\*For additional information or to get involved, please contact the [US India Advisory EDSC Process Automation](#)