Cora SeQuence 8.4.6 Release Notes

24 MAY 2018

This is an update for Cora SeQuence v8.4.0, which resolves a product issue, detailed below.

Resolved Issues

HotOperations Views Performance

Resolution: The solution involves Stored Procedures optimization, table schema changes and code changes
Details list of effected component :

API:
Added InstanceCompleted event to PNMsoft.Sequence.Activity. This event is raised after an activity status is changed to PNMsoft.Sequence.ActivityInstanceStatus.Completed.

Dlls: ┑

- PNMsoft.Sequence.HotOperations.dll ┑
- PNMsoft.Sequence.HotOperations.data.dll ┑
- PNMsoft.Sequence.dll

Database objects:

Type	Name	Change Type	Description
Table	USLXXXX	Modified	the following columns were added ,fldActGuid ,fldCreatedAt ,fldCompletedAt ,fldFetchedById
Table	tblHotOpsDynamicTaskRoles	Added	This table holds the Employee Roles configured for a DynamicTaskActivity. This information is also stored in the fldProperties in the tblTemplateActivities. For performance, the same values are also stored in this table.
User Defined Table Data Type	HotOpsDynamicTaskRoles	Added	Used as an argument to the spHotOpsDesign_UpdateDynamicTaskRoles stored procedures (see this document for more details)
Stored Procedure	spHotOpsDesign_UpdateDynamicTaskRoles	Added	Update the tblHotOpsDynamicTaskRoles table with Roles mapping as described above.
Stored Procedure	spHotOpsRT_AddDynamicTask	Modified	Added persistence of 'fetched by' to USLXxx_Tasks
Stored Procedure	spHotOpsRT_FetchDynamicTasks	Modified	Updates the fldFetchedBy column in the USLXXX_Tasks table
Stored Procedure	spHotOpsRT_ReturnDynamicTasks	Modified	Updates the fldFetchedBy column in the USLXXX_Tasks table
Stored Procedure	spHotOpsRT_ReturnDynamicTasksByTeamLeader	Modified	Updates the fldFetchedBy column in the USLXXX_Tasks table

Table	tblSolutionToDynamicTasks	Added	Holds a mapping between solutions to workflows to dynamic tasks, in the template level.
Stored Procedure	spHotOpsViews_AllocatedDynamicTasksByTeamLeader	Modified	Optimized SP execution
Stored Procedure	spHotOpsViews_AssignedDynamicTasksByTeamMember	Modified	Optimized SP execution

Update Steps

Update from 8.4.5:

1. Download the files
2. Backup your Sequence database.
3. Run the PatchSynchronization.sql and PatchSynchronization_Data.sql scripts from the DB Scripts on your Sequence database.
4. Run IISRESET.
5. Make sure the following files and folders are on the same level in the server. ⌐איִ
   - Engine ⌐איִ
   - HotOperations ⌐איִ
   - SequencePatch.xml ⌐איִ
   - SequencePatcher.ps1
6. Run the SequencePatcer.ps1 on all Sequence servers. (Right click -> Run with PowerShell)
7. Press on any key to run as Administrator
8. Run IISRESET for the change to take effect.

Rollback Steps (In case of failure)

1. Restore Database to the per patch state

2. Return the old dll

NOTE: If you are running a Cora SeQuence version earlier than v8.4.5, you must install v8.4.4 before you install v8.4.5.