

Cora SeSequence 8.5.8 Release Notes

Last Modified on 07/10/2018 7:48 am EDT

4 June 2018

This is an update for Cora SeSequence v8.5, which includes a fix for the issue detailed below.

Resolved Issues

HotOperations Views Performance

Resolution: The solution involves Stored Procedures optimization, table schema changes and code changes

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: fldActivityId , fldCreatedAt , fldCompletedAt , fldFetchedById |
| Table | tblHotOpsDynamicTaskRoles | Added | This table holds the Employee Roles configured for a DynamicTaskActivity. This information is also stored in the fldHotOpsActivities. 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 procedure (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_ReturnDynamicTasksByTeamLeader | 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 |
| Stored Procedure | spHotOpsViews_AssignedDynamicTasksByTeamMemberColumnValues | Modified | Optimized SP execution |
| Stored Procedure | spHotOpsViews_AllocatedDynamicTasksByTeamLeaderColumnValues | Modified | Optimized SP execution |

Update Steps

Update from v8.5.7:

1. [Download](#) the files
2. Back up your Cora SeSequence database.
3. Run the **PatchSynchronization.sql** and **PatchSynchronization_Data.sql** scripts from the DB Scripts folder on your Cora SeSequence database.
4. Run IISReset.
5. Make sure the following files and folders are on the same level in the server
 - o Engine
 - o HotOperations
 - o SequencePatch.xml
 - o SequencePatcher.ps1
6. Run the SequencePatcher.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

1. Restore Database to the per patch state
2. Run IISReset for the change to take effect

NOTE: If you are running a Sequence version earlier than v8.5.7, you must install v8.5.7 before you install v8.5.8.