Find Inactive Participants

Find Inactive Participants in Teamcenter Enterprise Lifecycles

Dinesh Arora

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Dinesh.Arora@InfoTechnik-Consulting.com

949.874.9049

Stop Lifecycles from hanging

Need to stop lifecycles from hanging

– In complex lifecycles it is very difficult to trace when the lifecycle hangs

– Lifecycles with many breakdown and parallel processes are difficult to trace when the object in lifecycle hangs

– Avoid proactively the hanging in lifecycles

– Common cause of hang is when a review/assignment step does not have any active participants

– As users are deleted or made inactive, life cycle steps may not have any valid user authorized to review. This causes life cycle to hang.

Requirements

Requirements to find lifecycle steps prone to hanging

– Proactive

– Daily automatic review of reviewers and assignees at review/assignment steps

– Run as a scheduled job (cron script) at specific time

– Check all current Review/Assignment processes to ensure that at least one participant is active

– Participants at the Review/Assignment steps can be directly a user or a role.

– Create a report to show which Review/Assignment steps are cause for concern

– Ignore given set of inactive projects. This reduces report size.

Tool: FindInactiveParticipants

Processing

– Activated thru a cron script at specific times

– Runs sql to extract all the necessary data, AsgProc, RevProc, Assignee, Reviewer, Users, Groups, Roles, etc.

– Run the program to read the sql extract, process the data and create the report

– Report shows which Review/Assignment steps are cause for concern

– Report is in tab delimited text file that can be easily read in Excel

– Report is mailed to specified users.

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Tool: FindInactiveParticipants

Sample Report

Error Message	Role/Group Na	Project	Used in Processes
No Active Users for Role	Group Lead	HUNTER: Mech/Propulsio	AsgProc,Assign Change Class|AsgProc
No Assignee for Role	Airworthiness	HUNTER	RevProc,Design Drawing Review|RevPr
No Assignee for Role	Airworthiness	HUNTER: Air Vehicle IPT	RevProc,Design Drawing Review|RevPr

Summary of Benefits

- Proactively avoid lifecycle hangs

- Avoid costly debugging and tracing of life cycles flows

- Very Fast (less than a minute)

- Schedule to run any time of many times a day

- Tested and used in production with very complex lifecycles