

Improve PeopleSoft Scheduling with ActiveBatch Extension for Oracle PeopleSoft

Oracle PeopleSoft: IT Boundaries Identified

PeopleSoft is a leading solution for managing critical business applications and processes. However, the PeopleSoft native scheduler tool, Process Scheduler, offers limited functionality because it is not intended to manage workloads outside of PeopleSoft. With the growing complexity of jobs and workflows built and executed in today's IT environments, PeopleSoft users require more advanced scheduling capabilities to access and integrate data from other applications, databases and technologies throughout the organization.

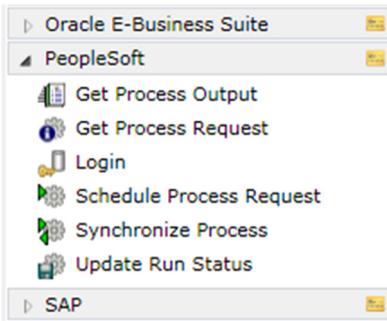
Without these advanced scheduling capabilities, IT administrators must use multiple "closed" scheduling tools or rely on custom scripting to create these complex workflows. This, however, limits visibility into the workflows and makes them difficult and time consuming to develop, manage and maintain. Proven enterprise-wide job scheduling solutions are necessary for organizations who want to integrate PeopleSoft with other systems and execute critical business processes more efficiently and reliably.

Easily Build and Integrate PeopleSoft and Non-PeopleSoft Workflows

With the ActiveBatch® Extension for PeopleSoft, you can improve PeopleSoft scheduling by easily creating end-to-end workflows that integrate PeopleSoft jobs with other applications, databases and technologies. The Integrated Jobs Library provides users with over 130 templated Job Steps in a drag-and-drop format for creating workflows without the need for custom scripting. These workflows are enhanced by ActiveBatch's core scheduling and automation capabilities that include Date/Time scheduling, triggers, event automation, alerting, monitoring, auditing and more.

With ActiveBatch, IT organizations are now able to manage all jobs from a single point of control, increasing visibility into all workflows and processes including PeopleSoft jobs. With this integration, the status of the PeopleSoft process or job can be used to determine the next ActiveBatch job or plan to execute.

ActiveBatch goes further by monitoring for Service Level Agreements (SLAs) tied to workflows that include PeopleSoft processes and other jobs. Rather than manually examining a process and estimating if it will meet an SLA or be late, ActiveBatch allows IT organizations to automate, action and manage both simple and complex workflows that can incorporate SLAs and business policies, communicate workflow status and allow ActiveBatch to automatically change workflow priorities and ensure additional resources are allocated to meet deadlines.



ActiveBatch® Extension for Oracle PeopleSoft Jobs Library Job Steps

The ActiveBatch Integrated Jobs Library simplifies the development and implementation of single and/or compound business and IT processes into unified workflows using simple drag-and-drop templated Job Steps.

Oracle PeopleSoft: 8.51

ActiveBatch: Version 8 Service Pack 3 and above

Use Case

You can easily pass information such as accounts payable information, invoice data, asset management, etc. into and out of PeopleSoft and other core systems. ActiveBatch allows users to integrate entire business processes by taking the output of the PeopleSoft job to determine the next action to take. For example, schedule a process within PeopleSoft such as running a report that pulls from your database, then once complete automatically send all or part of that report as an email to a specified person or group.

The screenshot shows a software interface for managing scheduled processes. At the top, there's a 'Login' section with a 'PeopleSoft' tab. Below it, a 'ScheduleProcessRequest' step is defined with the following properties:

Run Control Id	MyRunId6667
Process Type	SQR Report
Connection Properties	<empty>
Process Name	CAR003
Job Name	
Job Item	<empty>
Wait Completion	True
Write To ActiveBatch Log	True
Advanced Properties	<empty>

Below this is a 'ForEachItem' step under 'Flow Control' with the following configuration:

ContextName	Value
Collection	=ScheduleProcessRequest.ReturnValue.ReportDetails

Underneath is an 'EmbeddedScript' step with the following settings:

Extension	.ps1
Script	\$\{HttpGetFunction} HTTPGet %{Value.ReportUrl} Out-File "C:\Rep...
Parameters	
SuccessCodeRule	
Interactive Mode	Disabled

Finally, an 'EMailSMTP' step under 'Messaging' is configured to send an email to 'person@company.com' with the following details:

To	person@company.com
CC	
BCC	
Subject	Report "%{Value.ReportDescription}" See attached file.
Message	"%{Value.ReportDescription}" has been saved to...
Attachments	C:\Reports\%{Value.ReportDescription}
Use SSL	False

Benefits

ActiveBatch provides a single viewpoint for the management of business critical workflows that include Oracle as well as non-Oracle applications.

- **Improve** the limited scheduling functionality inherent to PeopleSoft Process Scheduler.

- **Load and Automate Stored Procedures** as Web Services within workflows for improved productivity, performance and ease of use.

- **Easily Create End-to-End Workflows** that integrate PeopleSoft jobs with other applications, databases and technologies without custom scripting.

- **Ensure SLAs are met** without the need for manual intervention and monitoring with ActiveBatch's ability to automatically adjust workflow priorities.

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ActiveBatch® Extension for Oracle PeopleSoft
As displayed in the ActiveBatch Integrated Jobs Library