IFG for Integration – SAP Process Orchestration Status Update & Roadmap

Alexander Bundschuh, Product Management
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SAP Process Orchestration
In the SAP NetWeaver product portfolio

CEI projects in 2018

**B2B add-on**
- Scope: collect feedback for new b2b add-on release and beyond
- Timeline: from July 2018 until January 2019
- 12 participants in total: 4 customers & 8 partners
- Have run feedback calls & on-site workshops
- Release 2.0 shipped end of Nov. 2018

**Test tool**
- Scope: new test tool as part of SAP Process Orchestration for reducing test effort in case of migration, and regression testing
- Timeline: from July 2018 until April 2019
- 21 participants in total: 14 customers & 7 partners
- Have run feedback calls, an on-site workshop & beta shipment
- Shipment of first scope with 7.5 SP14 in March 2019
- Project has been closed in April 2019
B2B add-on release 2.0

New features at a glance

▪ Correlate AS2 MDN to Original Document
▪ OFTP and X400 Adapter Alerts for B2B
▪ Number Range Object Import and Export
▪ Number Range Object API Extension
▪ Disable Message Split in EDI Separator
▪ Dynamic Configuration Routing of EDI Separator
▪ HTTP Proxy Support for OFTP Adapter
▪ TSL Updater Job Usability
▪ Enable Basic Authentication for Proxy in TSL Updater Job

▪ See release note 2718848
New Process Integration Test Tool (PIT) in SAP Process Orchestration

With the latest Support Package 7.5 SP14, SAP Process Orchestration comes with a new test tool that helps our customers to automate the testing of their integration scenarios:

- Reduce business downtime via automated testing for both the migration as well as the regression use case
- Verify that integration scenarios run as before a migration or a system update/upgrade
- Create and maintain test cases
- Fetch and store test data sets
- Replay messages, and verify test result

See blogs
New Process Integration Test Tool (PIT) in SAP Process Orchestration

Characteristics

▪ Replayed messages go through the standard XI pipeline
▪ Replayed messages on the target system can be identified as “test messages”
▪ Message is not delivered to receiver per default
▪ Sender adapters are out of scope in the current PIT version
▪ Long running tasks like message extraction or test execution are scheduled as background jobs
▪ NWDS Plugin *SAP Process Integration Test* as UI
New Process Integration Test Tool (PIT) in SAP Process Orchestration

Configure Landscape → Create Test Case → Fetch Test Data Set → Replay Test Data → Verify test result

Integration Directory

Source System

AAE / IS

Test Tool System

Target System

Integration Directory

AAE

Test Case

Read configuration

Extract messages

Replay messages

Verify test result

AAE = Advanced Adapter Engine
IS = Integration Server

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IS = Integration Server
Demo
Developer productivity: ESR in Eclipse enhancements continued

Notes collection

- 2227623 – Revision comparison for mapping objects in NWDS
- 2227622 – Release transfer in NWDS
- 2227566 – Version history in NWDS
- 2211034 – Recursive structures in message mapping in NWDS
- 2211018 – Change list enhancement in NWDS
- 2434890 – Mapping migration switch for PI 7.0 to 7.5 upgrade
- 2483582 – Create mapping template from existing mapping in NWDS
- 2482929 – Support for Java 8 features in message mapping
- 2645540 – Where used list enhancements in NWDS
- 2650726 – Clear SLD cache in NWDS
- 2651230 – Display object status in NWDS
- 2648269 – Add & modify Access Control Lists in NWDS
- 2703762 – ACL switch for individual components in NWDS
- 2713731 – Activate & reject option for non-active objects in repository browser tree in NWDS
- 2714152 – Return as XML option in message monitor editor in NWDS
- 2713763 – Matching service interface in NWDS
- 2713084 – Enablement of SP definition in NWDS
- 2714223 – Custom user roles in NWDS
- 2757822 – UI Text Editor in NWDS

See release notes
SAP Process Orchestration
Product road map overview – Key innovations

Recent innovations

Developer productivity
- ESR in Eclipse enhancements, e.g., ACL authorizations, display object status, matching service interfaces, return as XML in message mapping, etc.

Connectivity
- Mail adapter supporting STARTTLS
- WS-Security enhancements
- New B2B features, e.g., disable message split, number range object export/import, flexible routing

Monitoring & Operations
- Tool support for automated testing
- Support for SAP Passports for metering
- Advanced message monitoring in Focused Run

Hybrid integration
- Continuous updates of cloud integration runtime, e.g., XI, Facebook and Twitter adapter, handling number ranges, etc.

2019 – Planned innovations

Developer productivity
- ESR in Eclipse enhancements continued, e.g., data type enhancement and adapter metadata editor, etc.

Connectivity
- REST adapter supporting XSRF token
- SSL via Elliptic-curve cryptography

Monitoring & Operations
- Tool support for automated testing continued
- Support for SAP Passports for monitoring use case
- Monitoring API for WS-RM

Hybrid integration
- Continuous updates of cloud integration runtime

2020 – Product direction

Developer productivity
- ESR in Eclipse enhancements continued

Connectivity
- New B2B features based on Customer Engagement Initiative influence project
- REST adapter supporting JSON Web Token

Monitoring & Operations
- Tool support for automated testing continued

Hybrid integration
- Continuous updates of cloud integration runtime

2021 – Product vision

Continuous platform support
- SAP plans to provide a SAP NetWeaver release for the integration & orchestration use case beyond version 7.5 based on new Java and Eclipse version

Hybrid landscapes
- Continuous investment in leveraging SAP Cloud Platform Integration innovations as a basis for supporting hybrid integration
- Continuous investment in SAP Process Orchestration core capabilities and platform support for safe guarding our customer base’s core integration scenarios

1. This is the current state of planning and may be changed by SAP at any time without notice.

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Check out planned Process Orchestration features at Innovation Discovery
Related road maps

In the context of SAP’s orchestration and integration portfolio, refer to the following other road maps

Related product road maps available on sap.com/roadmaps:
- SAP Cloud Platform Integration
- SAP Application Interface Framework
- SAP API Management
- SAP Operational Process Intelligence
- SAP Gateway
Thank you.