

IN180 - Leveraging Commands from "Piper" for CI/CD Setup with SAP Integration Suite



Agenda

- Why is CI/CD important for SAP Integration Suite?
- APIs of SAP Integration Suite
- Project Piper
- Introduction to SAP continuous integration and Delivery Service
- How you can contribute to Project Piper

Why is CI/CD important for SAP Integration Suite?

Integration content developers want to

- keep track of what was changed
- keep multiple versions of their integration content
- use external tools for development of scripts, schemas, ...
- do proper testing before transporting or after software updates etc.

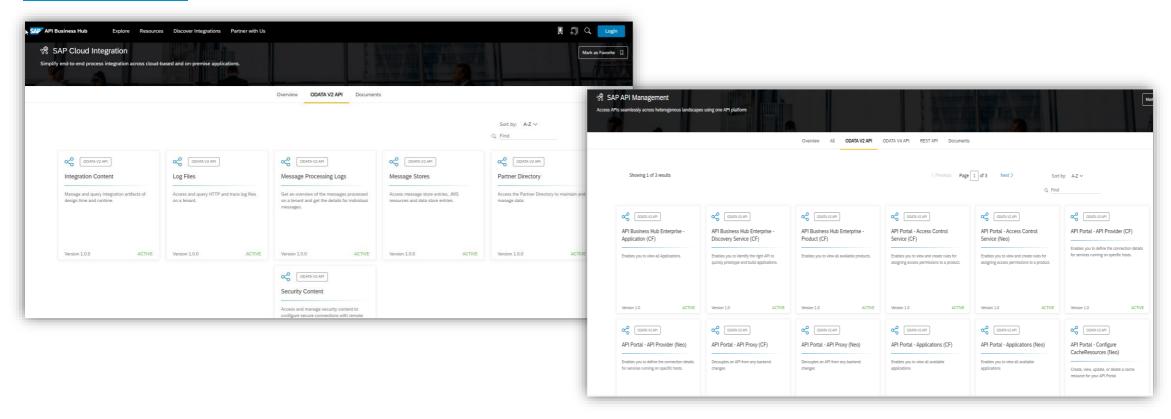
Ideally, all these steps are automated to save work and effort.

CI/CD helps automating build and test processes to make sure the integration scenario is in a good state.

CI/CD enables you to obtain immediate feedback on your changes to safeguard your business.

APIs of SAP Integration Suite

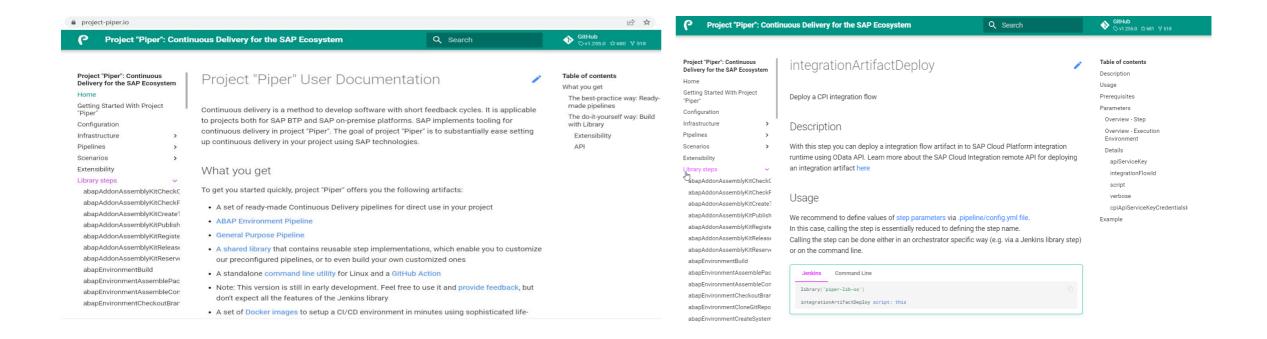
The foundation of CI/CD for SAP Integration Suite are APIs of the capabilities on the <u>SAP API</u> <u>Business Hub</u>.



Project Piper

SAP provides tooling for CI/CD via project Piper for an easier automation of your processes.

For API Management & Cloud Integration from SAP Integration Suite you can find many piper steps, using the technical OData API calls under the hood.



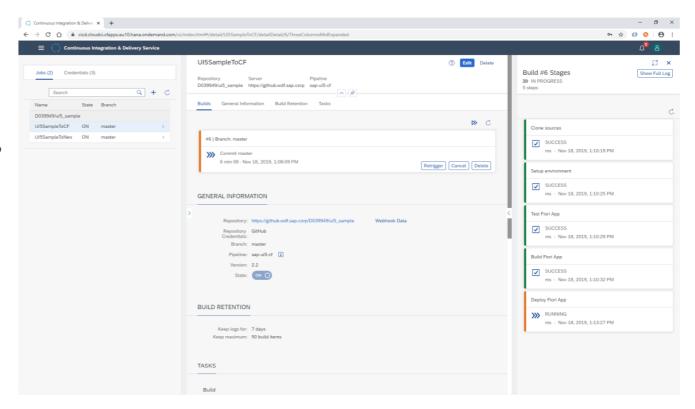
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Introduction to SAP continuous integration and Delivery Service

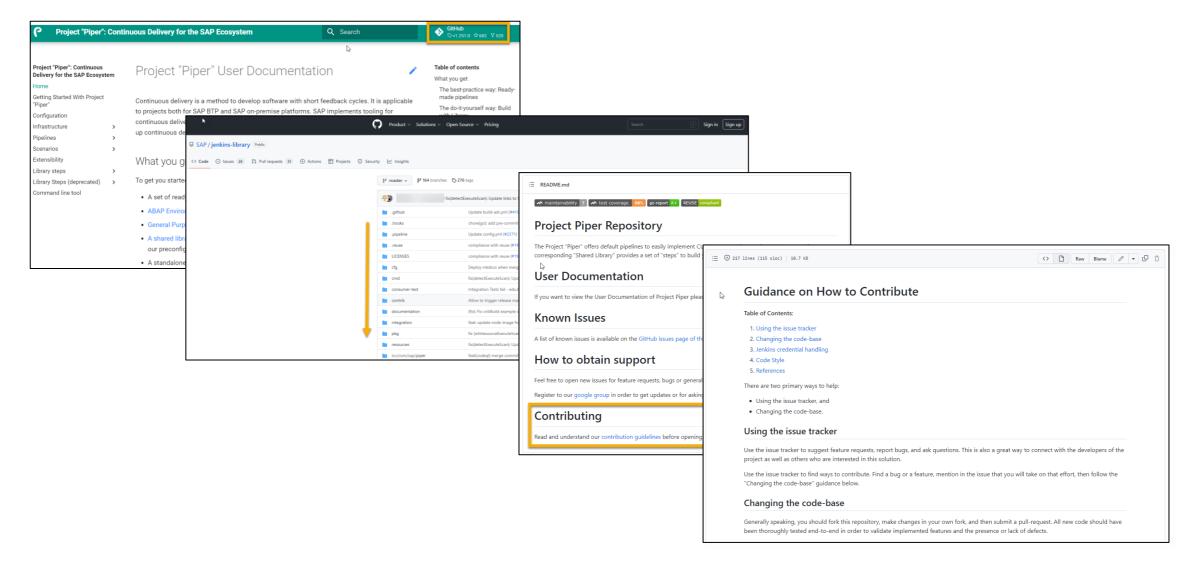
SAP Continuous Integration and Delivery on SAP BTP

- lets you configure and run pre-defined CI/CD pipelines that build, test, and deploy your code changes
- Offers pipelines for SAP Cloud Application Programming Model, SAP Fiori, SAP Cloud Integration and container-based applications projects
- Enables you to monitor the status of your continuous integration and delivery builds and view their detailed logs



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How you can contribute to Project Piper



Summary

- OData APIs of SAP Integration Suite capabilities on <u>SAP API Business Hub</u>
 - API Management
 - Cloud Integration
- Construction kit for CI/CD on Integration Recipes portal
 - Pre built <u>CI/CD Jenkins projects</u> using the OData APIs
- Project "Piper"
 - SAP Integration Suite has contributed many steps to the library for project "Piper" that help you create
 your own continuous integration (CI) and continuous deployment (CD) pipeline, automating various tasks.
- SAP Continuous Integration and Delivery on SAP BTP,
 - Low-Code/No-Code solution to run predefined CI/CD pipelines for SAP Cloud Application Programming Model, SAP Fiori, Cloud Integration and container-based applications projects.

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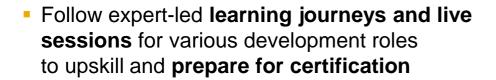
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^{1.} Pearson VUE's Latest "Value of IT Certification" Study Highlights Benefits of IT Certification in Challenging Times," Pearson Education Inc., May 25, 2021.

^{2.} Chuck Cooper, Why Get IT Certification Council, March 2021.

Thank you.

Contact information:

Albrecht, Axel axel.albrecht@sap.com

