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

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# 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 [SAP API Business Hub](#).
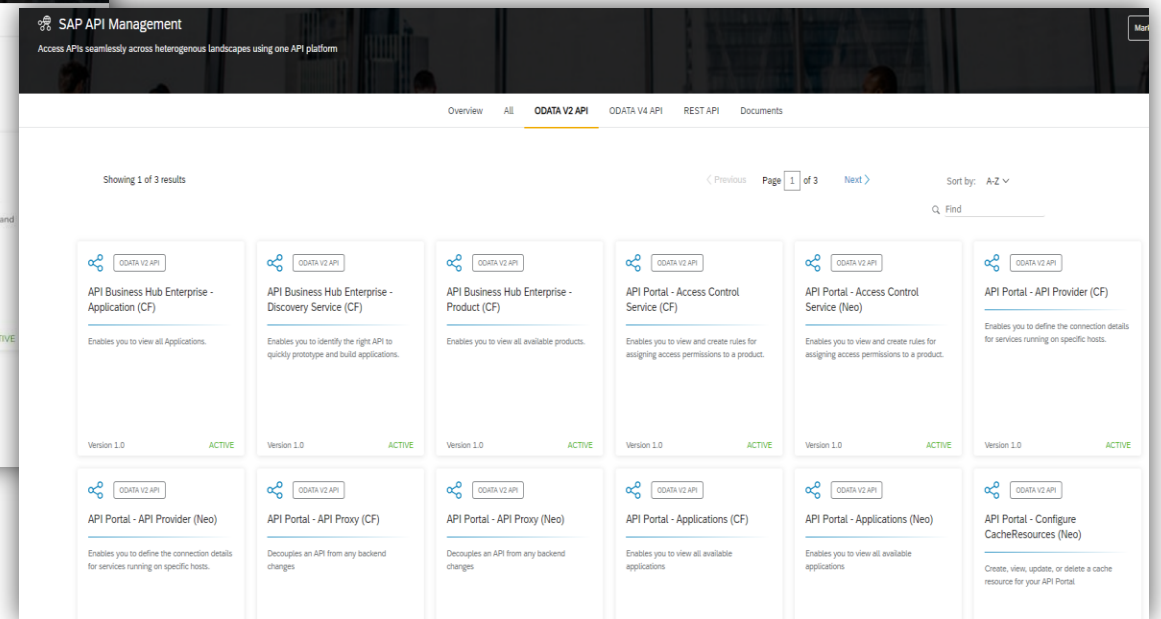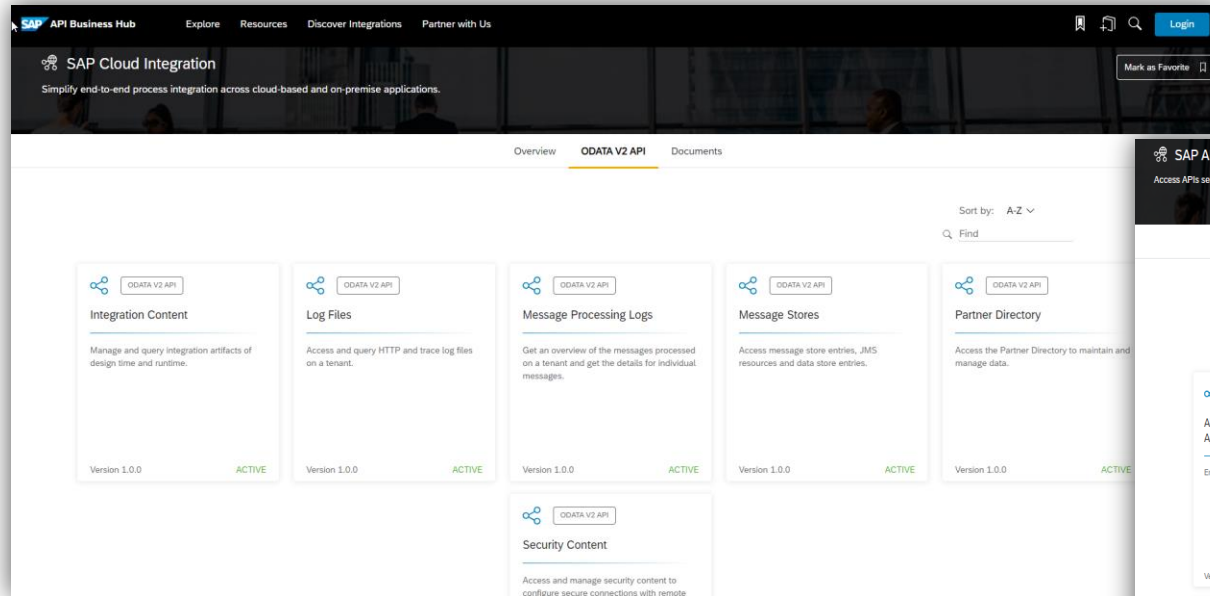
# Project Piper

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.

# 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

# How you can contribute to Project Piper



https://github.com/SAP/jenkins-library/blob/master/.github/CONTRIBUTING.md
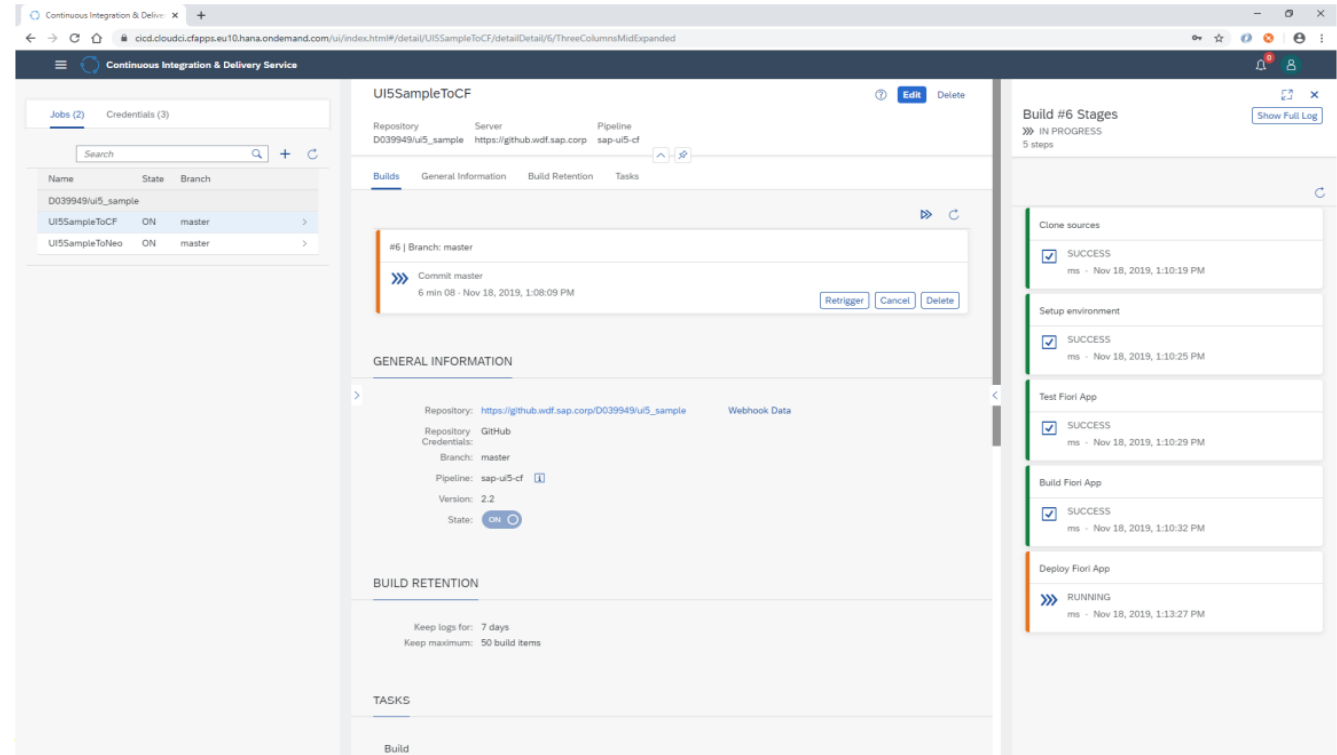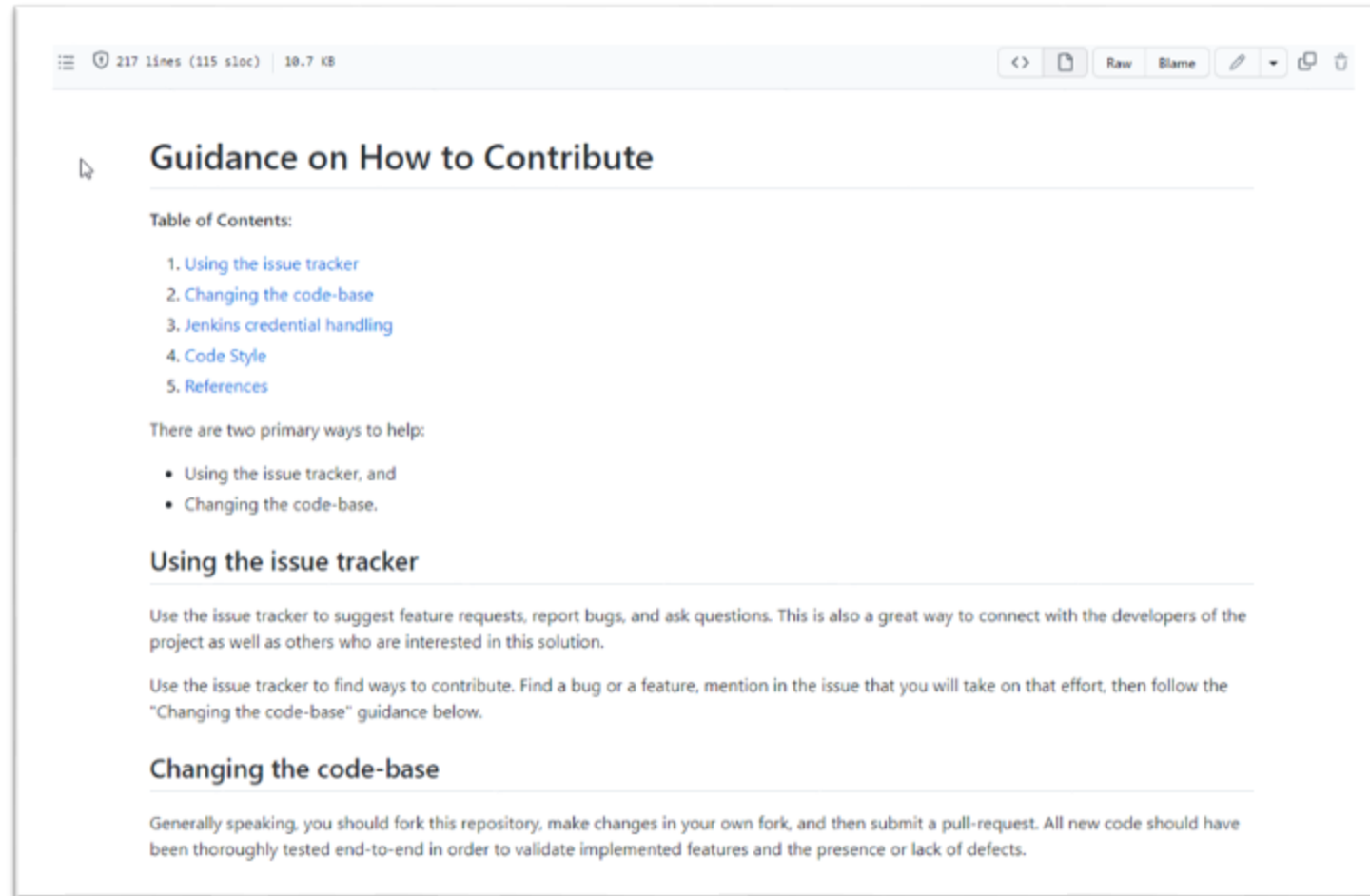
# Summary

- OData APIs of SAP Integration Suite capabilities on [SAP API Business Hub](#)
    - API Management
    - Cloud Integration

- Construction kit for CI/CD on Integration Recipes portal
    - Pre built [CI/CD Jenkins projects](#) 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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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 Certified? The Value of IT Certification: An IT Certification White Paper, IT Certification Council, March 2021.

# Thank you.

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