

Figaf makes SAP Integration easy



We create automation tools for managing

SAP Integration

- Testing
- Transport/Governance
- Migration
 - Seeburger to B2B migrations
 - PI to CPI

Hack2Build

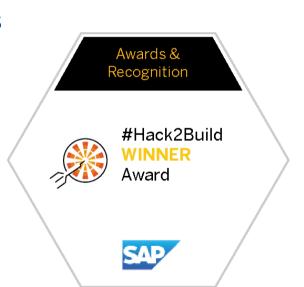


2 Week hackathon to create a tool to automate migrations

200 development hours when into the process

We won the competition with our tool

Build on the Figaf Platform



Why automating the migration process



- Too many integrations running at the moment that needs to be migrated within 2030 years. That is a lot of integrations.
- 10.000+ SAP PI customers with 100+ ICOs is 1.000.000 iflows that needs to be created
- Save time on the migration, so you can focus on other areas to create value
- Ensure all iflows are created the same way and require minimal maintenance

Should you redesign your integration



- There are cases where a 1:1 migration would not recommended.
 - Where a redesign can simplify the process
 - APIs have changed
 - Methods can be improved
 - Interface is deprecated

Figaf Tool can still be helpful for the process



Migration Automation Beta scope

- Generate SAP CPI iFlow based on asynchronous ICO/RD with
 - Multiply Receivers and conditions
 - Multiply Interfaces and conditions
 - Support for Message Mappings
 - Support for Function Libraries (shared artifacts)
 - Support for Channel conversion with templates and external properties
 - Test case migration

PI to CPI migration process



Configuration

Required data collection

PI -> Graph model conversion

Graph model -> IFlow BPMN and bundled model

XSLT preparation based on provided templates for channels

ICO and dependent objects information is automatically fetched from Figaf Tool, that uses SimpleQuery API, Integration Directory WS API etc.

Graph model provides a flexible way to store relationship between components and keep additional information that should be used for generation of BPMN model and other parts of IFlow

- BPMN model generation
- BPMN diagram generation
- Message mapping conversion
- Schemas extraction
- Functional library conversion
- Post processing on each step that can handle requested dynamic updates
- Push prepared bundled model to the chosen CPI system

Current status



Tool was released in Beta in August 2021

We we are currently running a migration with a client on 7.1

There is a lot more complicated scenarios than we have on our own system. We are having progress.

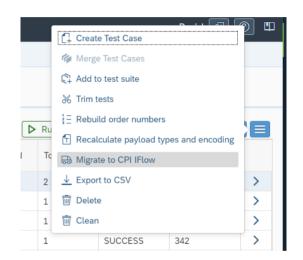
Demo

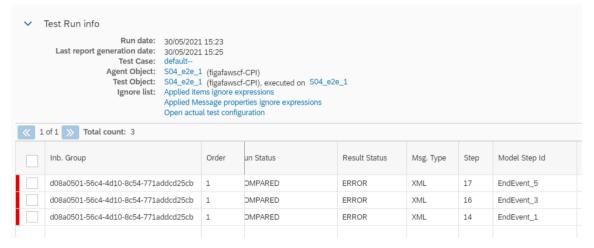


- Show ICO
- Migrate the ICO to IFlow
- Handle manual task and configurations
- Migrate a test case
- Run and validate the test case
- Transport in Landscape

Test automation







SAP PI Test case is converted into a CPI test case with one click

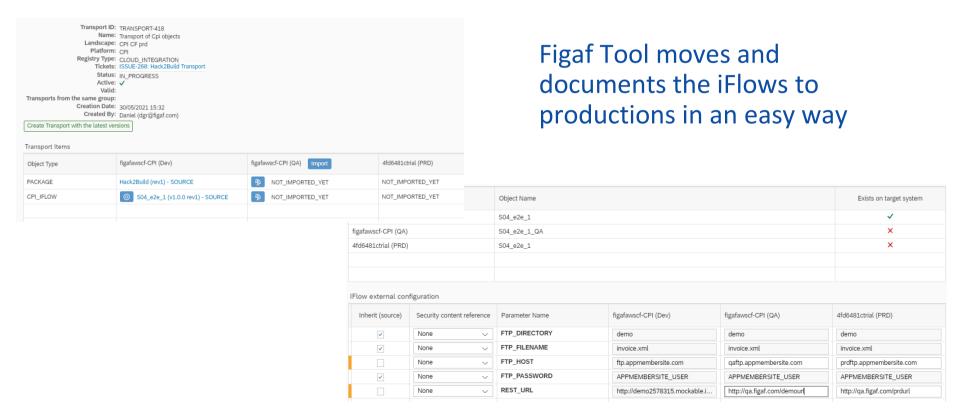
Thereafter you can find potential differences between the platforms



Differences

Transport, configuration and documentation











QA

Signup at Figaf.com/devops