



Introducing the ISA² Test Bed

May 16th, 2019

EUROPEAN COMMISSION
Directorate-General for Informatics (DIGIT)

Interoperability Test Bed

ISA² Action 2016.25

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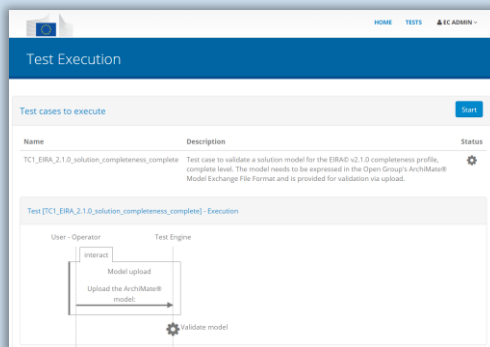
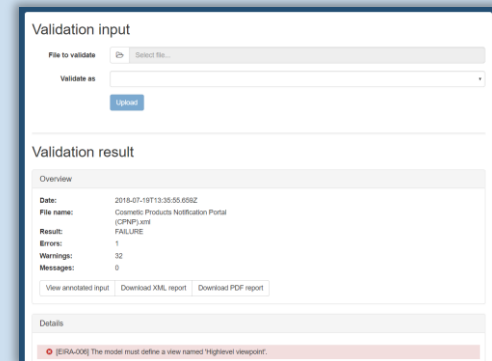
The ISA² Test Bed

- ✓ Complete platform (software and hardware) powered by ISA² to facilitate **conformance** and **interoperability testing**
- ✓ **Rich features:** content validation, API simulation, protocol verification, self-service testing, monitoring, reporting
- ✓ **Built-in capabilities** for messaging (AS2/AS4, SOAP/REST) and validation (XSD/Schematron/XPath, SHACL)
- ✓ **Custom extensions** via validation, messaging or processing services that can be also used **standalone**

Conformance testing channels

Standalone validation services

- ✓ Anonymous and stateless
- ✓ Available as web UI, REST/SOAP API



ISA² Test Bed

- ✓ Full conformance testing campaign
- ✓ User-based self-service testing
- ✓ Admin monitoring and certification

Why ISA²'s Test Bed service?

Benefits

- ✓ Standards-based¹
- ✓ Customisable to fit user needs
- ✓ Use as a service or on-premise
- ✓ Growing list of users
(CEF, CEN, eSENS, BRIS, IRI, LRI, e-Evidence, ESPD, TED, EIRA, ...)

Offered services

- ✓ Support test case authoring
- ✓ Develop test components
- ✓ Hosting (services, test instances)
- ✓ Test bed operation
- ✓ Help desk services
- ✓ User and developer support

¹ Based on the software and specifications of the [CEN Workshop Agreement: Global eBusiness Interoperability Test Bed \(GITB\)](#)

Find out more

ISA² Test Bed on Joinup

<https://joinup.ec.europa.eu/solution/interoperability-test-bed>

Online documentation materials

[User guide](#), developer guides ([tests](#), [services](#)), [tutorials](#)

Try it yourself

Log onto <https://www.itb.ec.europa.eu/itb> as “test@test.com”, password “test”





ISA² programme

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Run by the Interoperability Unit at DIGIT (European Commission) with 131€M budget, the ISA² programme provides public administrations, businesses and citizens with specifications and standards, software and services to reduce administrative burdens.