Directorate General Informatics
Directorate D – Digital Services
DIGIT B2 - Interoperability

Interoperability Test Bed: Conformance Testing for Managers

Essential Course Information

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Course information	
Course Provider	European Commission
Course Title	**Interoperability Test Bed: conformance testing for managers**
Course Topic	Interoperability and conformance testing
Course Type	IOP Academy integrated e-learning
Course tags	ISA test bed, testbed, interoperability test bed, eGovernment, Digital skills in the public sector, Interoperability, Public Sector Innovation, Innovative Public Services. Interoperable Europe, Interoperable Europe Academy, IOPEU Academy
Course summary	The course is designed to equip project managers across a range of organisations such as national public administrations, international organisations and NGOs, with the knowledge and skills necessary to implement conformance and interoperability systems testing for semantic and technical aspects using the Interoperability Test Bed, and to put in place appropriate tools and resources. The Interoperability Test Bed (https://joinup.ec.europa.eu/collection/interoperability-test-bed-repository/solution/interoperability-test-bed) is a service offered by the European Commission's DIGIT to facilitate the conformance testing of IT systems. The Test Bed is itself a software system that can be both downloaded and installed locally, but also reused through a shared online installation operated by DIGIT. It offers an intuitive web user interface that allows administrators to define their project's overall testing setup as well as users to connect and run tests.

Target audience	The course is aimed at managers and project leads who need to implement conformance and interoperability testing, and are considering using the Interoperability Test Bed as their project's conformance testing solution. The primary target audience comprises:
	   o Managers
	   o Project managers
	   o Test managers
	   o Product service owners

Language	English
Level	Intermediate. The course is addressed to people already aware of the definition and importance of interoperability in the context of Digital Public Service delivery and who are familiar with the Interoperability Test Bed.
Learning Objectives	The learner will:

1. Understand the concept of conformnace testing and why it is needed
2. Recognise the difference between conformance testing and content validation
3. Describe how the Test Bed works
4. Analyse requirements and apply the appropriate Test Bed deployment scenario
5. Understand the Test Bed onboarding process
6. Understand practical aspects such as licensing, costs, and using the latest Test Bed releases