



# ELRD validation and conformance testing

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# What is the Test Bed?



The Interoperability Test Bed is an online, intuitive and self-service platform for conformance testing of IT systems against semantic and technical specifications

*Test Bed value proposition (<https://www.itb.ec.europa.eu/docs/guides/latest/valueProposition/>)*

Test specification  
conformance

Validate  
content

Test message  
exchanges

Simulate APIs

Based on EU  
standards

# Key services

## Content validators

- ✓ Standalone and anonymous validation
- ✓ Multiple input channels
- ✓ Simple reporting
- ✓ Built-in support for common formats

## Complete Test Bed

- ✓ Scenario-based conformance tests
- ✓ Extensible capabilities
- ✓ Account-based
- ✓ Rich monitoring and reporting



✓ Use as a service hosted by DIGIT

✓ Use via on-premise installation



# The ELRD validator



**IMOLA** ELRD validator  
Interoperability Model for Land Registers

This service allows the validation of XML content against the European Land Registry Document (ELRD) specification, a model for the standardisation of land registry outputs. Development of the ELRD is driven by the European Land Registry Association (ELRA) as part of the IMOLA project. The validator also provides a SOAP API for machine-to-machine integration. Instructions on how to use the validator are available [here](#).

Content to validate:

Validate as:

This service is powered by the ISA<sup>2</sup> Interoperability Test Bed, a conformance testing service offered by the European Commission's DG DIGIT for projects involved in the delivery of cross-border public services. Find out more [here](#).

- ✓ Validation of XML as ELRD documents
- ✓ Supports all ELRD versions
- ✓ Usable via user interface or web service API
- ✓ On-screen, PDF and XML validation reports
- ✓ Available also as command-line tool

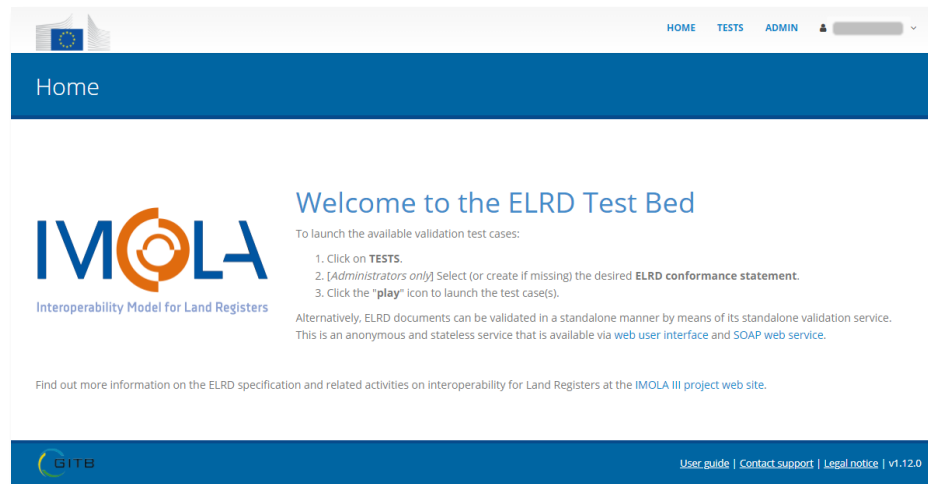


Access the validator at <https://www.itb.ec.europa.eu/elrd/upload>



# ELRD validator demo

# The ELRD Test Bed community



- ✓ Conformance testing through test cases
- ✓ Validation uses the ELRD validator
- ✓ Reporting and monitoring of test results
- ✓ Testing history and conformance overview
- ✓ Current setup replicates validator use



Visit the Test Bed at <https://www.itb.ec.europa.eu/itb> and register in the ELRD community



# ELRD Test Bed demo

# Potential next steps

## ELRD validator



- ✓ Enable on-premise deployments
- ✓ Extend provided validation options to support National extensions
- ✓ Offer sandbox to facilitate extension development

## ELRD Test Bed community



- ✓ Extend test cases with specific scenarios for conformance testing
- ✓ Include National extensions as specifications supporting conformance testing





## Find out more



### ISA<sup>2</sup> Test Bed on Joinup

[Information](#) - [news](#) - [releases](#)

### Online documentation

[Value proposition](#) - [tutorials](#) - [developer guides](#)

## Try it yourself



Go to <https://www.itb.ec.europa.eu/itb> and click “Try out our demos”

## Contact us



Send your questions and feedback to [DIGIT-ITB@ec.europa.eu](mailto:DIGIT-ITB@ec.europa.eu)

# Test Bed webinar – save the date!



**Wednesday, June 9<sup>th</sup>, 2021, from 09h30 to 11h00 CET**

Join the Test Bed team and experts from National Public Administrations to see how the Test Bed can be used for validation and conformance testing

Click [here](#) for connection details, agenda and registration



# ISA<sup>2</sup> programme

*You click, we link.*

**Stay in touch**



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**Run by the Interoperability Unit at DIGIT (European Commission) with 131€M budget, the ISA<sup>2</sup> programme provides public administrations, businesses and citizens with specifications and standards, software and services to reduce administrative burdens.**