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LEILA – towards a muLtilingual European platform for judlciaL Auctions

LEILA Deployment

Deliverable D3.4.

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List of Abbreviations

Acronym	Explanation
e-CODEX	e-Justice Communication via Online Data Exchange
EU	European Union
IS	Information System
LEILA	Towards a multilingual European platform for judicial Auctions
MiniLeila	Standalone System (Virtual Machine) which provide all the functionalities to upload and share the information about the judicial auctions.
MS	Member State
VM	Virtual Machine



Executive Summary

This deliverable briefly describes all the deployment phases of LEILA portal and MINI-LEILA (LEILA VM) already detailed in the deliverable D3.2 “Multilingual platform for judicial actions”.



1. Scope and Objective of the Deliverable

1.1. Introduction

The LEILA European judicial auction multilingual platform aims to tackle inefficiencies caused by the fragmentation caused by the substantial variation and complexity of rules governing judicial auctions across EU Member States and which entails a negative impact on competition, sale value and the time needed to conclude a sale. A second objective is to provide solutions for MS without a government-managed website. Today, the assets to be sold are promoted in only 11 MSs, available – in most cases - only in the local language.

LEILA aims to facilitate, consolidate, and support the data exchange over e-CODEX (the e-delivery infrastructure supporting EU e-Justice cross-border services) to reduce time and costs for development and integration with national information systems (ISs). LEILA has initially integrated the platform with 6 existing national platforms to retrieve the judicial auctions' data in an automated way, while providing for a solution, where such ISs do not exist.

This deliverable consolidates all topics relevant activities to list and briefly describe all the activities to be performed to:

- install the Central Platform;
- install the standalone system for Countries that do not have a National Portal (so-called “MiniLeila”);
- integrate MiniLeila and/or the National Portal with the Central Platform;
- check everything works fine.



2. LEILA Portal

2.1. Phase 1 - Prerequisites and System Checks

The first phase of deployment of LEILA Portal consists of all checks to be performed inside the target environment of LEILA. After the checks, all the configuration activities of the environment must be performed in order to respect the prerequisites described in detail in the Chapter 2 of Installation and Configuration Guide.

This phase also includes the installation and configuration of all basic component of LEILA Architecture on target nodes:

- Content Management System
- LEILA Database
- Search Engine
- Domibus Gateway
- Domibus Database
- JDK

2.2. Phase 2 - LEILA Bundle installation and configuration

Installation and configuration of all packages of LEILA portal, by loading all .jar and .war files into the deploy folder.

The details are described in the installation guide in the paragraph 2.4.1 e 2.4.2. After the installation, it must be performed the first start of Content Management System (CMS), configuring:

- All CMS parameters: database, portal name, time zone, and so on.
- Roles and permissions.
- Import all LEILA basic data (see the paragraph 2.5 of installation guide).





Finally execute some basic tests to check that the portal is working and respect the requirements.

2.3. Phase 3 - Domibus installation and configuration

Install the Domibus Gateway according to the official Domibus Installation and Configuration Guide and LEILA installation guide (paragraph 3.7).

After installing of Domibus:

- Execute the Domibus service and login to the Domibus by administration user.
- Configure the pmode with all parties, also importing the SSL certificate of each partner.
- Assuming that all partners have the Domibus reachable and configured with LEILA certificate and endpoint, check in Connection Monitoring section of Domibus that all parties are reachable (green light).

2.4. Phase 4 - Domibus and LEILA Integration

Once the Domibus has been installed and correctly configured, proceed with the configuration of the connection between Leila and Domibus Gateway inside the back-office area of LEILA portal. The next activity is to configure the Batch to send the request and process the response coming from all partners configured inside the Domibus Gateway.

2.5. Phase 5 - Testing

The final step is to execute some end-to-end tests (briefly described below) that include integration and functional testing activities. In particular:

2.5.1. System tests

- Connectivity test between LEILA and Domibus, checking that all messages are properly created inside the Domibus.
- Check the content of the message verifying the compliance with LEILA Data Model.
- Check the message coming from the partners.



- Verify that the response coming from partners is compliant with LEILA Data Model and that is properly dequeued from LEILA ingestion procedure.
- Open LEILA portal and check that the contents are properly created inside LEILA Datastore.

About the functional tests, refer to the deliverable D3.3 – “Report on Testing and Validation”.

3. MINI-LEILA (LEILA VM)

MINI-LEILA is a portal created in a dedicated VM and based on Content Management System. This portal is used by a MS that does not own a local (National) Portal to create its judicial auctions.

Subsequently auctions can be sent to the main LEILA Portal for its publication.

This portal is realized to support all countries that do not have a local portal of judicial auctions, but there are multiple agencies and offices that manage the auctions.

3.1. Phase 1 - Prerequisite and System Checks

All the prerequisites and checks for MINI-LEILA are the same used for LEILA portal.

3.2. Phase 2 – MINI-LEILA bundle installation and configuration

Install and configure all packages of MINI-LEILA by loading all .jar and .war files in the deploy folder. All details are described in the installation guide (chapter 3).

After the installation, execute the first start of Content Management System (CMS) and configure:

- All CMS parameters: Database, portal name, time zone, and so on.
- Configure all roles, permissions, and users.
- Import all LEILA basic data (see the MINI-LEILA installation guide - chapter 4.1.3).



Then execute some basic tests to check whether the portal is working and respect the requirements.

3.3. Phase 3 - Domibus installation and configuration

Install the Domibus Gateway according to the official Domibus Installation and Configuration Guide and MINI-LEILA installation guide (chapter 5).

After installation of Domibus:

- Execute the Domibus service and login to the Domibus by administration user.
- Configure the pmode with all parties, also importing the SSL certificate of LEILA.
- Assuming that LEILA Domibus is reachable and configured with MINI-LEILA certificate and endpoint, through the Connection Monitoring section of Domibus, check LEILA's Domibus is reachable (green light).
- From LEILA's Domibus check in Connection Monitoring that MINI-LEILA' Domibus is reachable with green light.

3.4. Phase 4 - Domibus and MINI LEILA Integration

Once the Domibus has been installed and correctly configured, proceed with the configuration of the connection between MINI-LEILA and Domibus Gateway.

3.5. Phase 5 - Testing

The final step is to perform an end-to-end tests) briefly described below) that includes integration and functional testing, In particular:

3.5.1. System tests

- Connectivity test between MINI-LEILA and Domibus, checking that all messages are properly created inside the Domibus.
- Check the content of the message verifying the compliance with LEILA Data Model.



- Verify that the response coming from LEILA is compliant with LEILA Data Model and that is properly dequeued from MINI-LEILA.
- Access to LEILA and Check that the content is properly created inside LEILA Portal.

3.5.2. Functional tests

- Test login and log out.
- Add new auction by MINI-LEILA UI.
- Modify an existing auction by MINI-LEILA UI.
- Delete an existing auction.
- Search auctions, testing all filters.
- View auction details.
- Bulk Import of auctions by CSV file.

3.5.3. API tests

- Add new auction by *createAuctions* API.
- Modify an existing auction by *updateAuction?id={auctionId}* API.
- Delete an existing auction by *deleteAuction?id={auctionId}* API.
- Get auction by *getAuction?id={auctionId}* API.
- Get auction list by *getAuctions* API.
- Bulk Import the auctions by CSV file.