

National Relay Stations

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ELDA



NRS: What is it?

- Basic building block in the ELRI infrastructure:
 - Basic pillar: national level
 - Ideally building towards European and Open data levels
- It comprises three subsystems:
 - Local ELRI node (modified instantiation of ELRC-SHARE)
 - Toolchain to convert TMs into sentence-aligned TMX files
 - Toolchain to convert various formats (DOC(X), PDF, TXT...) into sentence-aligned TMX files

Sharing Levels at ELRI

- At a designated group level within the country (according to the stakeholder's needs)
- At a national level (through the local NRS)
- At a EU level with the EC (through the ELRC-SHARE repository)
- At an open-data level (through ELRC-SHARE and the Open Data Portal)

The 1st 2 levels are handled by the NRS

Objectives

- To support data management at national level:
 - Collecting
 - Preparing
 - Sharing (bidirectional: providing and benefiting from others' data)
- Possibility to share with a designated group within the NRS country
- Possibility to benefit from data already shared by the member group defined



How Many NRS?

- 4 NRS, 1 per member state (France, Ireland, Portugal, Spain): for early adopters
- Others coming at a later stage with countries interested to join the infrastructure



What is there behind an NRS?

- *Web application*: an instantiation of the ELRC's ELRC-SHARE repository (User Interface + DB)
- *Further functionalities* that will allow for the needs of sharing at a national level (restricted use, groupings) + executing tool chains (automatic processing)
- *Structure and metadata* are compliant with that used within other CEF-ELRC initiatives at European level: easy communication and data sharing

Main Processes

- *Management of new LRs provided by the data holder*: uploading, examining uploaded files, processing if pertinent, validation by reviewer, sharing according to specified permissions
- *Searching of LRs or LR-related information*: searching for information available to authenticated users according to the specified criteria

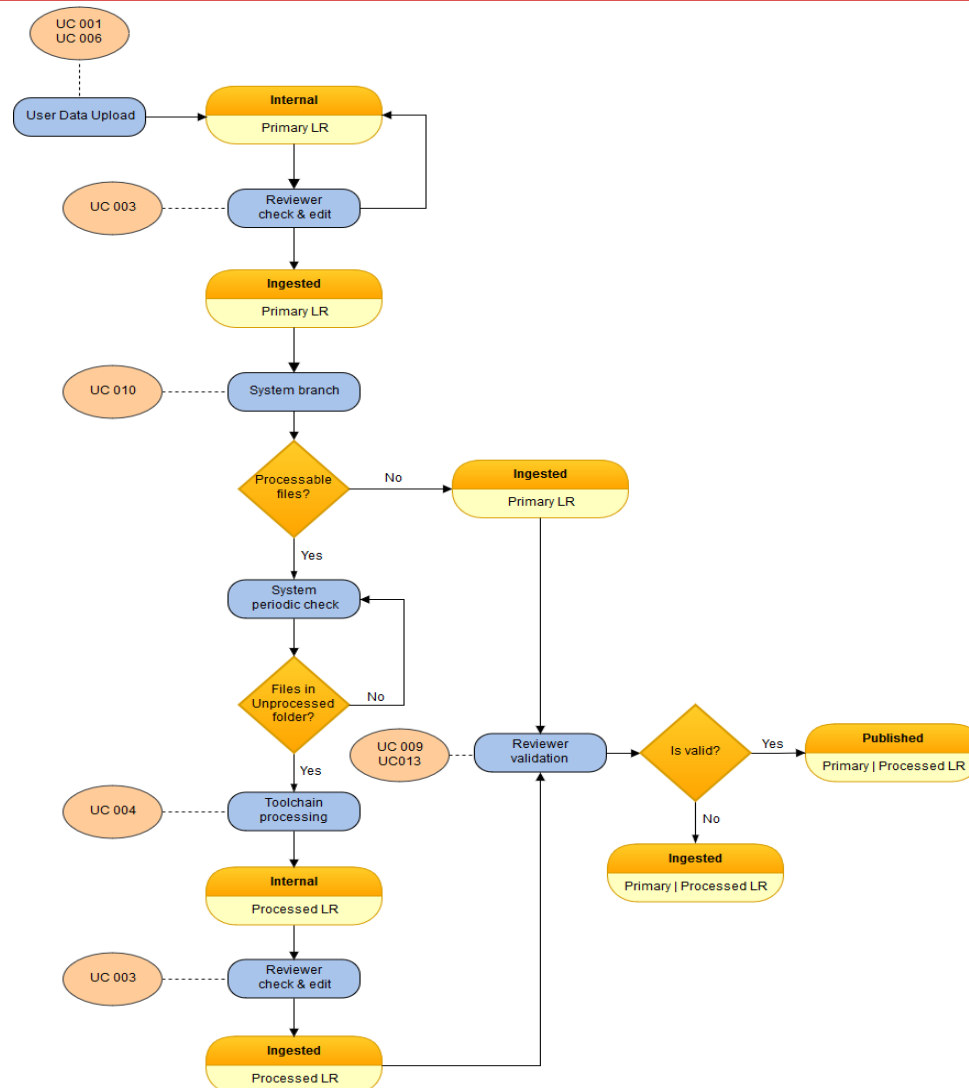
Use Cases (1)

- UC1: Upload LR (data holder, reviewer)
- UC2: Search LR (registered user, reviewer)
- UC3: Edit LR (reviewer)
- UC4: Prepare LR (system)
- UC5: Download file (data holder, reviewer)
- UC6: Upload files (data holder, reviewer)
- UC7: Access LR's detail (data holder, reviewer)

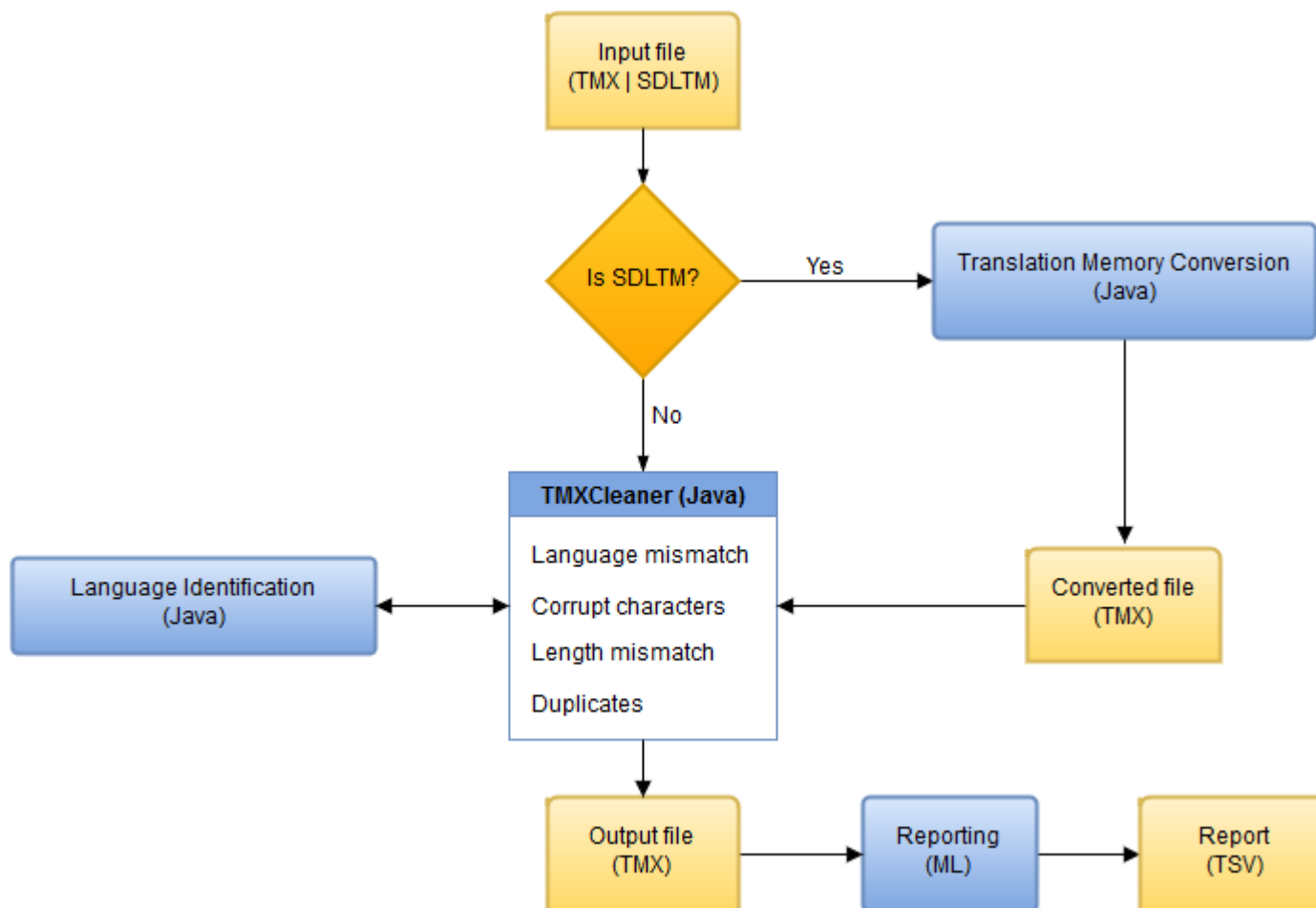
Use Cases (2)

- UC8: Delete LR (reviewer)
- UC9: Validate LR (reviewer)
- UC10: Branch LR (system)
- UC11: View Statistics (data holder, reviewer)
- UC12: Register (data holder, system reviewer)
- UC13: Manually Validate LR (reviewer)

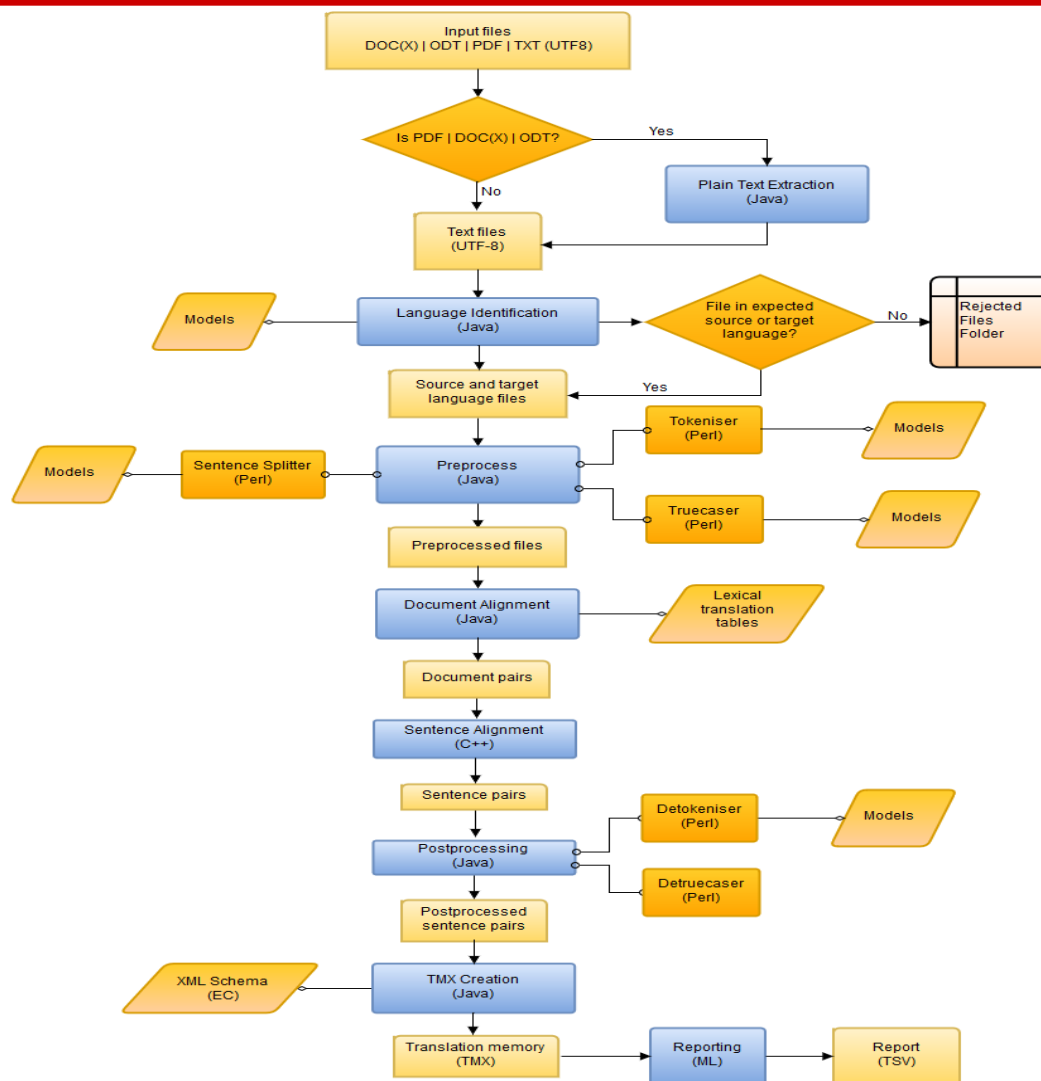
LR States and Processes



Toolchain 1



Toolchain 2



Thank you for your attention!

Let us look now at an NRS