

# Online MT System Internationalization: ATLAS PW1 / Lucy LT / MaTrEx in www.agenciatributaria.es



### Pre-Production/Pre-filters

**Translate** ► Adds constant marks to block non-translatable text nodes and attributes.  
**Domain** ► Generates a HTML section per domain, and adds such information to the section sent to the MT System to select the appropriate TM and vocabulary (glossary).  
**Localization Note** ► Encoding of information to convey it to the post-editor.  
 Localization quality issue ► Encoding of information to convey it to the post-editor.

● **Content Editor + FMT:**  
**Localization Note** ► Blocked by the Content Editor but visible for the post-editors.  
**Domain** ► Stores the revised texts in the domain specific TM.  
**Provenance** ► Adds and blocks the information about the reviser  
**Localization Quality Issue** ► Adds and blocks the quality issue inserted by the reviser.

● **Post-production/Post-filters:**  
**Language Information** ► Updates the language attributes in the translated content.  
**Provenance** ► Adds and blocks the information about the MT System

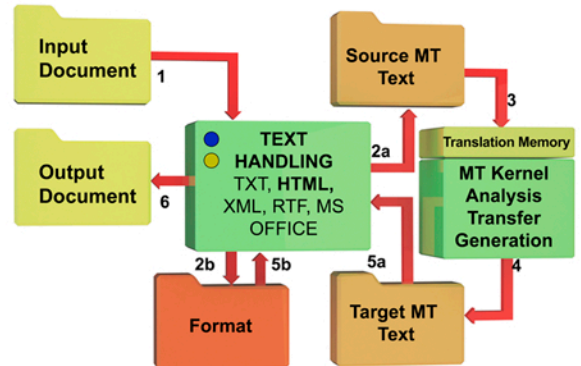
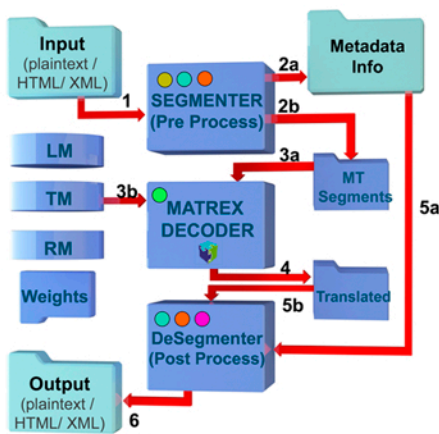


- **Domain** ► Set internal MaTrEx parameter: selection of the appropriate SMT modules (TM / LM / RM / weights) for each segment to be translated
- **Language Information** ► Set internal MaTrEx parameters: source language
- **Translate** ► Mark nodes that should not be translated.

- **Text Handling – Pre/Trans Domain** ► Set translation parameter "Subject Areas" according to global Domain mapping.
- **Text Handling - PreTranslate** ► Hide nodes that should not be translated.

### Translate

► Force translations of segments that should not be translated (i.e. target (output) = source (input)).  
**MT Confidence** ► Generate MT confidence scores for each translated segment

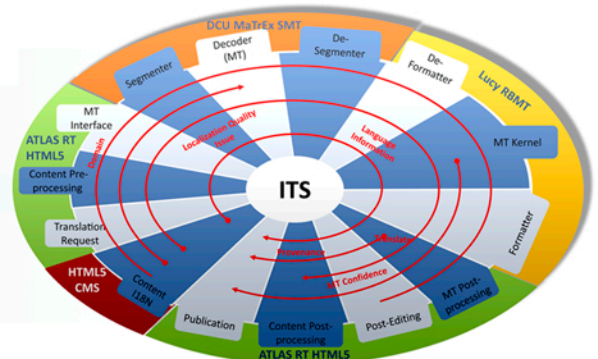


- **Locale Filter** ► Pass information as-is (relevant for post-editors / localization)
- **Language Information** ► Update language information after translation.
- **MT Confidence** ► Update the MT Confidence inf. after concatenating segments into one document.

- **Text Handling – Pre/Post Language Info** ► Hide nodes not matching the current translation direction (source). Update language information after translation (target).

### Benefits. Increases user's control and automatic decision processes:

Translatability and language pair selection (Translate, Language information) ↔ Specific terminology (Domain) ↔ Activation rules for post-editing (Localization Note) ↔ Quality aspects report to translations consumer and post-editor (Localization Quality Issue) ↔ Post-editors judge translation's quality (MT Confidence) ↔ Identification of agents (provenance)



## ITS2.0: The "Dublin Core" of the Multilingual Web

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