

AIMLCZG519 - Group 74

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Enhancement Plan

To Support Translation by *English to Spanish Translator System* for Additional Technical Domains (e.g., legal, medical)

- Technical Jargon List needs to be expanded to include jargons from additional technical domains so that the jargons in same can be removed from English Text for simpler translation to Spanish Text
- Finetuning of Pre-trained Transformer Model *Helsinki-NLP/opus-mt-en-es* utilized in *English to Spanish Translator System* can be done on domain specific data from additional technical domains

To Support Translation by *English to Spanish Translator System* for Additional Languages (e.g., French, German)

- Following Approach can be implemented
 - Detect Target Language
 - Select the relevant Pre-trained Transformer which supports translation to Target Language out of multiple Pre-trained Transformer Models
 - Utilize the selected Pre-trained Transformer to translate to Target Language