

End-to-End Neural Entity Linking

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January 24, 2019

Entity linking

Stages of EL:

1. Mention Detection (MD) or NER (Named Entity Recognition): extract entity references
2. Entity Disambiguation (ED): link to corresponding entities in a knowledge base / graph (KB)

With few exceptions MD/NER and ED are treated separately in the vast EL literature:

1. NER: CNN / biLSTM - biLSTM - CRF;
2. ED: word, span, entity embeddings and neural similarity functions.