

Collection Readers

txtReader

Sentence Splitters

RegEx  
(newline)

OpenNLP  
(en-sent.bin)

Tokenizers

OpenNLP  
(en-token.bin,  
en-pos-max-ent.bin)

OffsetTokenizer  
(symbol)

OffsetTokenizer  
(whitespace)

Tests

ConceptMapper  
(symptoms)

Output  
Writers

XMI  
Writer

CoNLL  
Writer

Tests

BiLSTM-CNN-CRF  
(deid)

Evaluation

ETUDE Engine  
(symptoms, deid)

