iContextual Word Embeddings

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1 Introduction

- Word vectors: word2vec, GloVe, fasText

- Pre-trained word embeddings better than random embeddings

- Unknown words

  - Use ¡UNK¿ for OOV words
  - No way to disguish words though
  - Solution: Use character embeddings
  - At test time, unsupervised word embeddings with be bigger. Use the vector as it is.
  - Other words =¿ Assign random vector =¿ Add them to vocabulary

- Representations of word

  - Same word can have different meanings
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