

NEAT: News Exploration Along Time

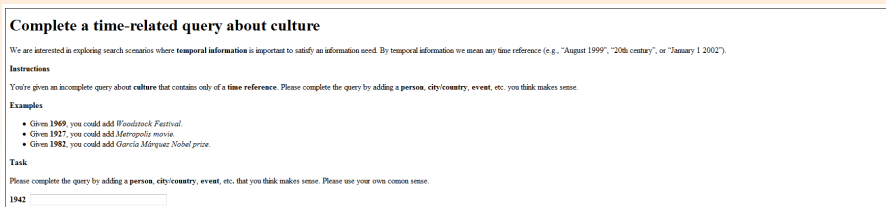
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Motivation

- Large-scale Archives of Newspapers, such as the New York Times, are increasingly available for gathering historical information
- Time plays an important role in their exploration

Key Features

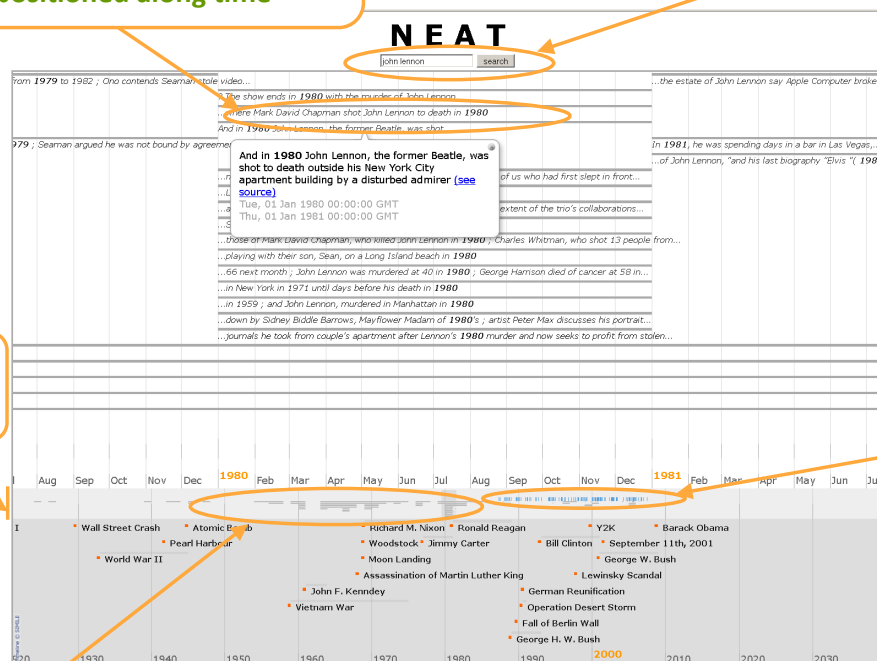
- Search-driven exploration of news articles
- Results organized along time – using publication time *and* time references contained
- Visualization of temporally significant phrases in result documents
- Semantic temporal annotations for anchoring results – gathered via large-scale crowd-sourcing over **Amazon Mechanical Turk (HIT)**



Key-phrases with Temporal Information – positioned along time

Keyword Search to begin exploration

Overview Timeline



Coarse grained Timeline

Temporal distribution of results

Visualization of Temporal References in result documents

Semantic temporal annotations for result anchoring