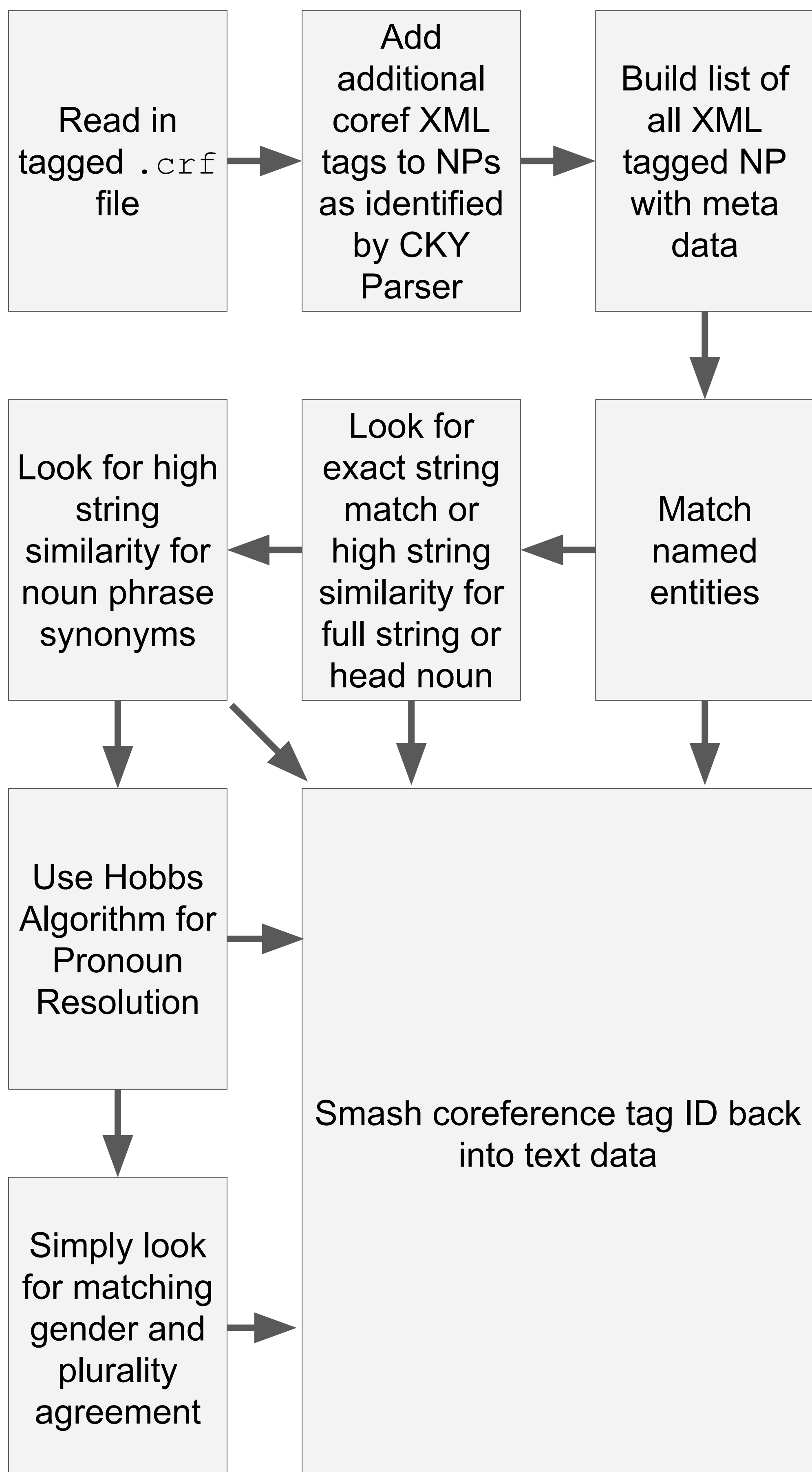




## System Design and Components

- Used Python
- Hobbs Algorithm for Pronoun Resolution
- String Matching
- WordNet Synonym matching
- CKY Tagging
- Multithreaded file processing



## Performance

- Initial Eval: 0.2641
- Test Set #2: 0.4626
- Test Set #3: 0.3966

## Emphasis / Originality

- String Matching

## Team Member Contributions

### Carolina

- Parse input text and produce output in correct format.
- Named Entity Recognition
- String Matching
- Gender and Plurality Agreement
- Synonym Matching

### Sam

- Additional XML tagging
- Pronoun Resolution
- Additional Text Parsing and Coreference ID Tagging
- Asynchronous file processing

## Successes

- String Matching
- String Similarity
- Sentence Tree Parsing

## External Resources

- NLTK (<http://www.nltk.org>)
- CKY Tagger (<https://github.com/emilmont/pyStatParser>)
- Python's XML Parser (Etree)

## Regrets

- Spent time doing pronoun resolution which was not as fruitful as desired
- Would have liked to use more Machine Learning techniques