Observational Health Data Sciences and Informatics (OHDSI)

Natural Language Processing (NLP) Working Group
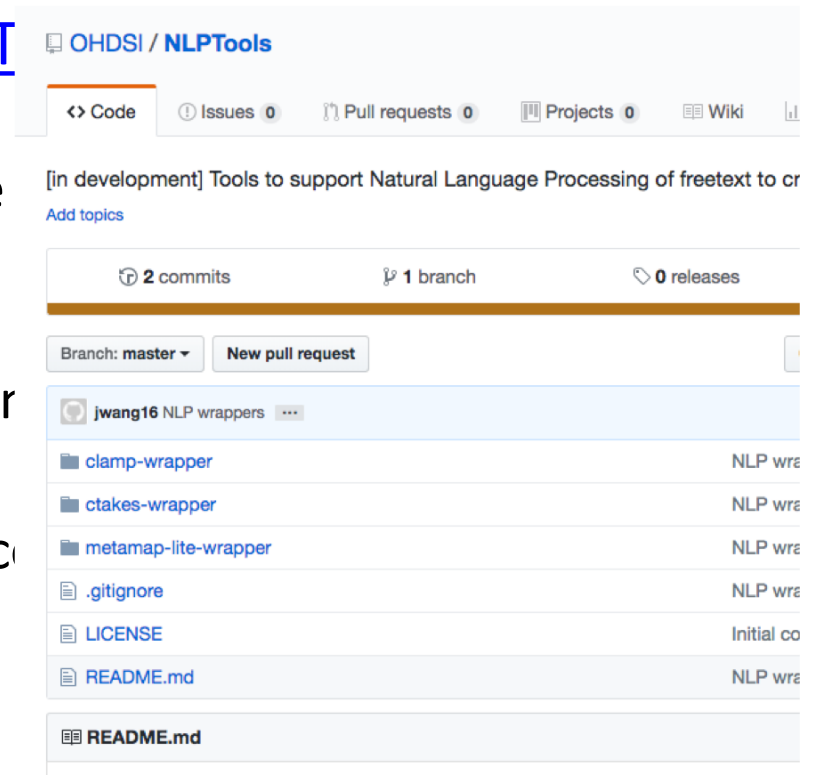
3/14/2018

AGENDA

- ❖ Introduction of new members
- ❖ Updates on ongoing projects
  - ❖ Mapping of Note Types to LOINC/standard vocabulary –Karthik Natarajan, Ruth Reeves, Jon Duke and Hua Xu– Report type list discussion
  - ❖ Landscape Analysis of section identifier systems and proposal of a standard terminology for use – Hua Xu, Karthik Natarajan
  - ❖ Mapping of CUIs to standard terminology – Juan Banda
  - ❖ Rules for defining term_exists – led by Stephane Meystre
  - ❖ Examples and rules for term_temporal – led by George Hripsack (Sunny)
  - ❖ Standardization of term_modifiers and values – Hua Xu
- ❖ NLP wrappers - GitHub repository

NLP Wrappers - CLAMP / cTAKES / Metamap Lite

- https://github.com/OHDSI/NLPT
  - Clone source code
  - Import existing project to Eclipse
  - Download dependencies
  - Setup UMLS account
  - Apply CLAMP Command line licer
- Ongoing
  - Mappings from CUI to standard c
  - Normalization of modifiers
  - …

OHDSI / **NLPTools**

<> Code   ① Issues **0**   ⑂ Pull requests **0**   ⊞ Projects **0**   ⊞ Wiki

[in development] Tools to support Natural Language Processing of freetext to cr

Add topics

⊙ **2 commits**   ⑂ **1 branch**   ◌ **0 releases**

Branch: master ▾   **New pull request**

jwang16 NLP wrappers ···

clamp-wrapper	NLP wra
ctakes-wrapper	NLP wra
metamap-lite-wrapper	NLP wra
.gitignore	NLP wra
LICENSE	Initial co
README.md	NLP wra

⊞ **README.md**