

# Demo

## 1. Quick Tutorial (2 minutes )

 [CLICK HERE TO PLAY VIDEO](#)

Scrubber version **v2.8**

## 2. Before and after scrubber de-identification

Version

- Scrubber v2.8 was used to scrub these examples cases
- Scrubber **v3.0** has significantly better performance

XML formatted input

- Before: [testcase.xml](#)
- After: [scrubbed\\_testcase.xml](#)

Unstructured text input

- Before: [testcase.txt](#)
- After: [scrubbed\\_testcase.txt](#)

## 3. Before and after cTAKES annotations

[Automated concept retrieval](#) : Medical vocabularies and [data dictionary](#)  
**Scrubber 3.X** is being donated and ported to the Apache cTAKES project.  
We are concentrating our efforts on this transition.