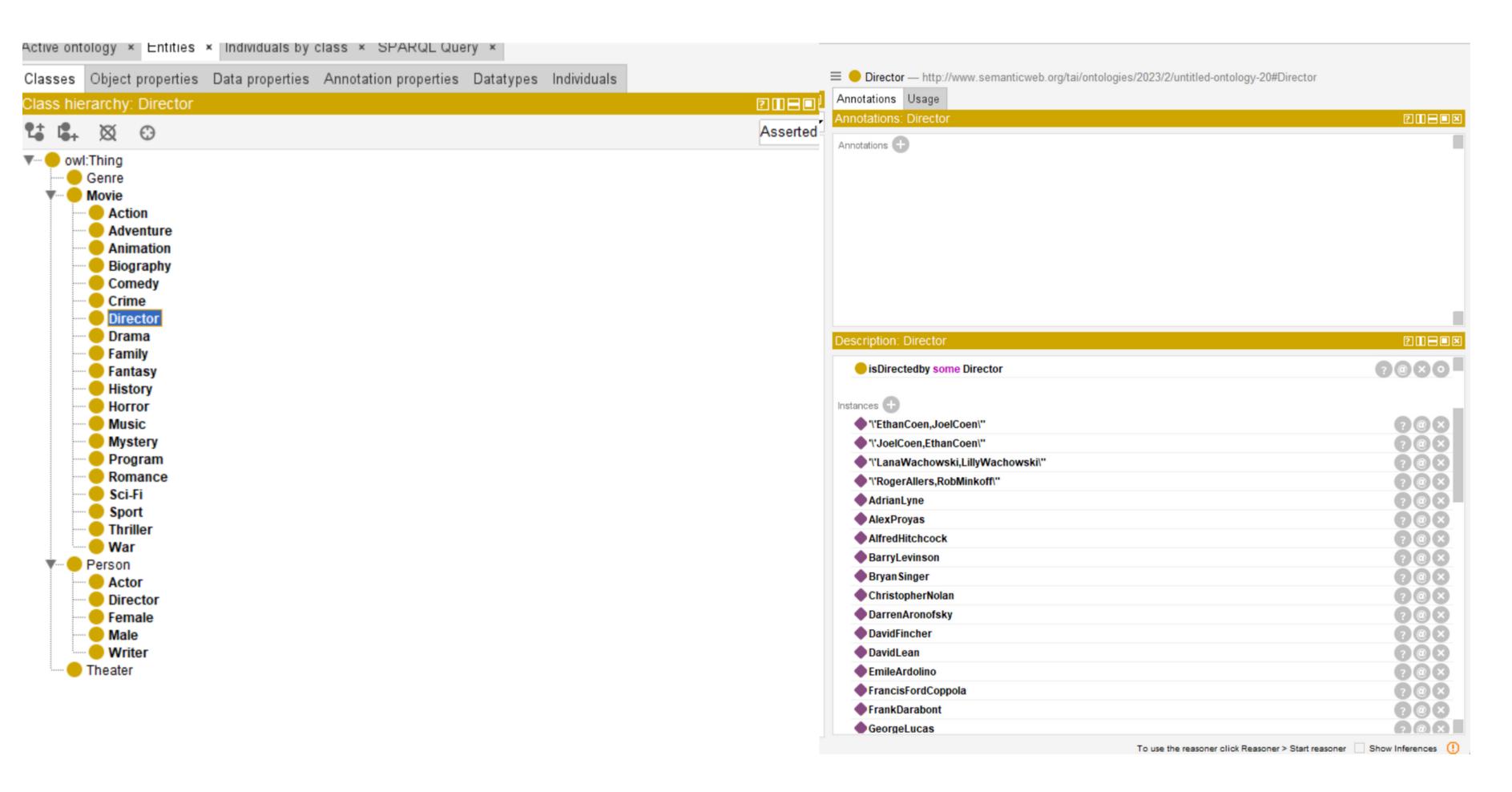
## Web Dataimining and Sementics



Shubham SAINI Manisha Priyadarshini RAWLA

## Part I: Modeling the ontology

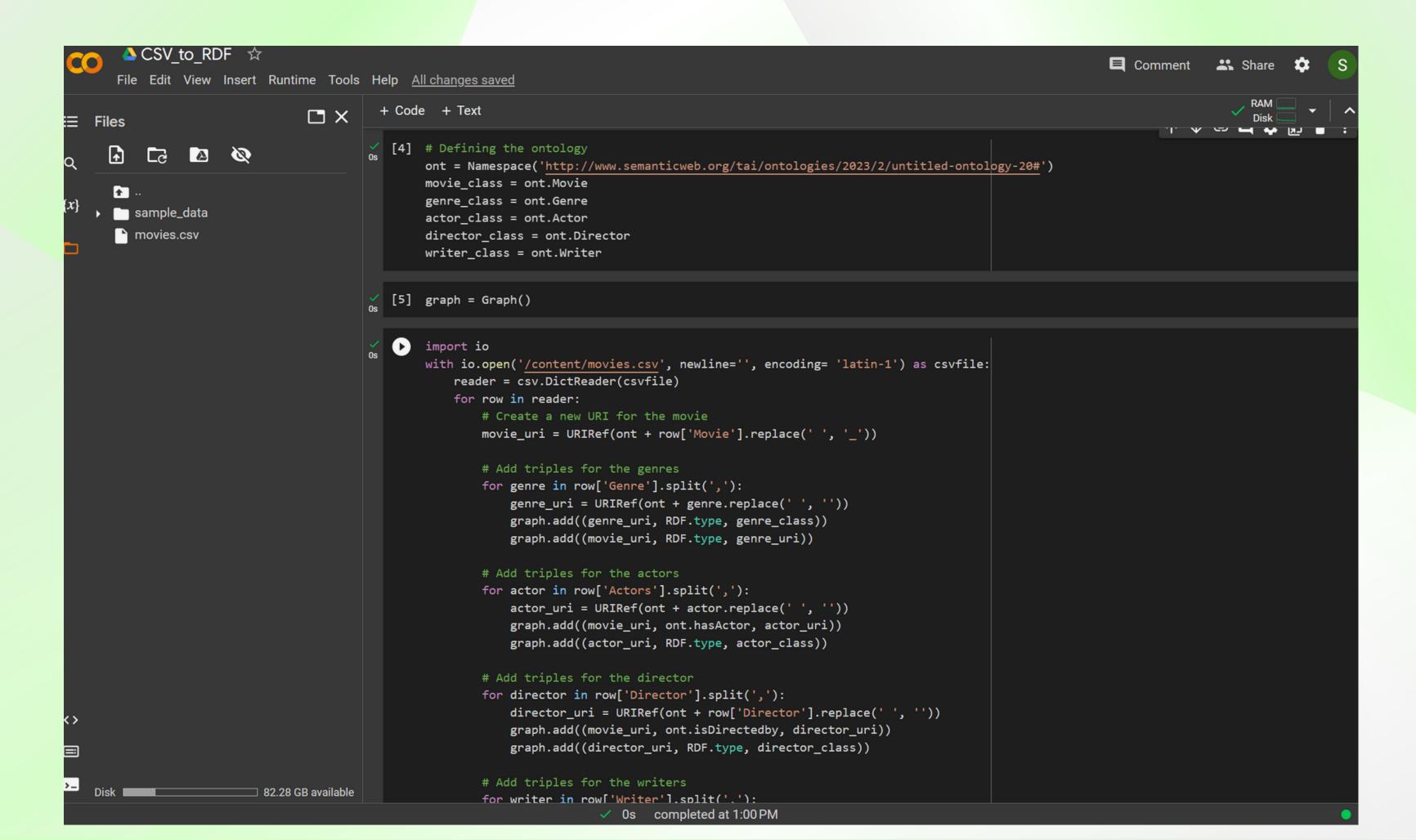
#### **Movie Ontology**

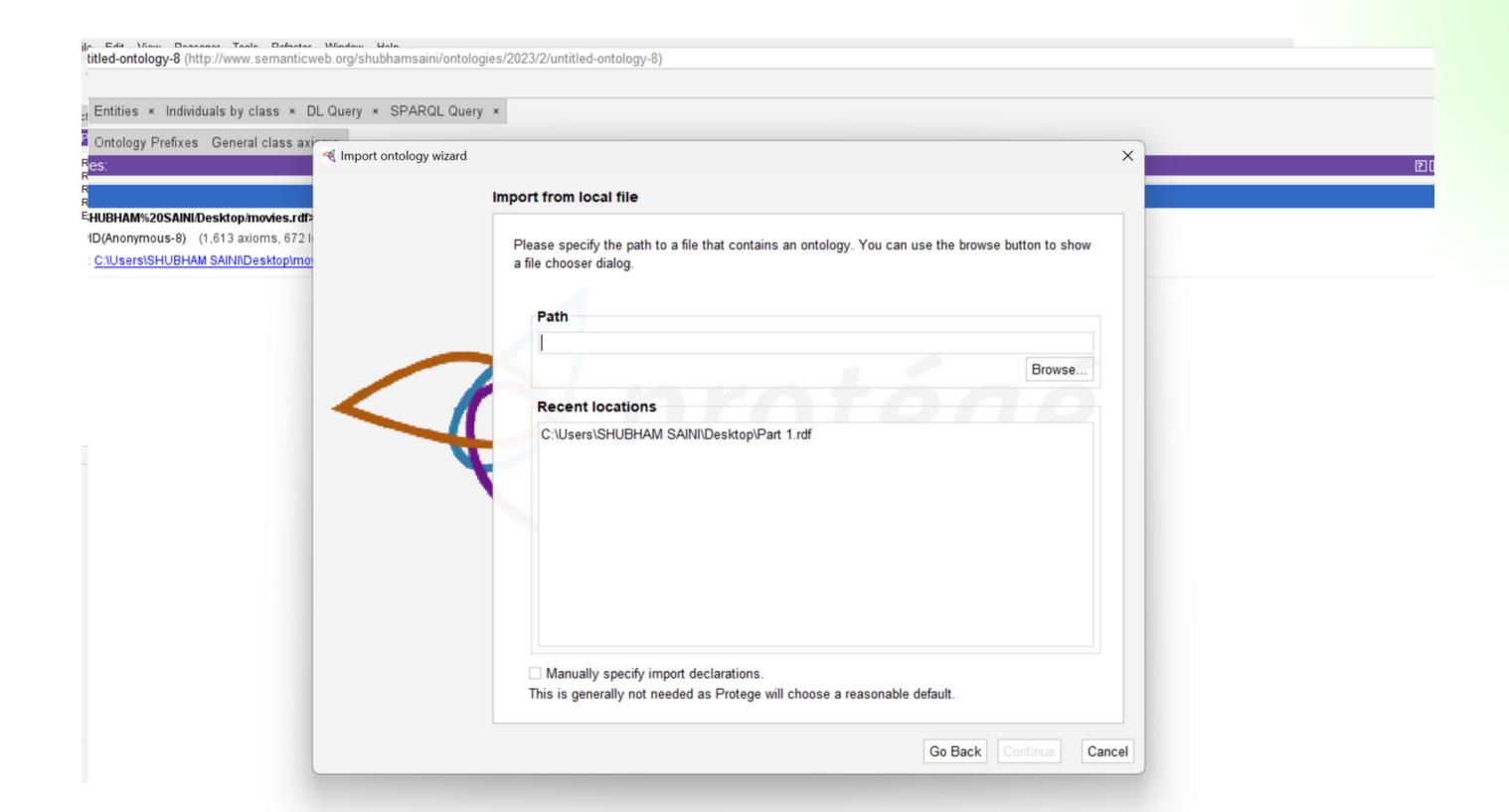


#### **Object properties**



## PART - II Populating the Ontology





#### **Property Heirarchy**

#### Annotation property merarchy.



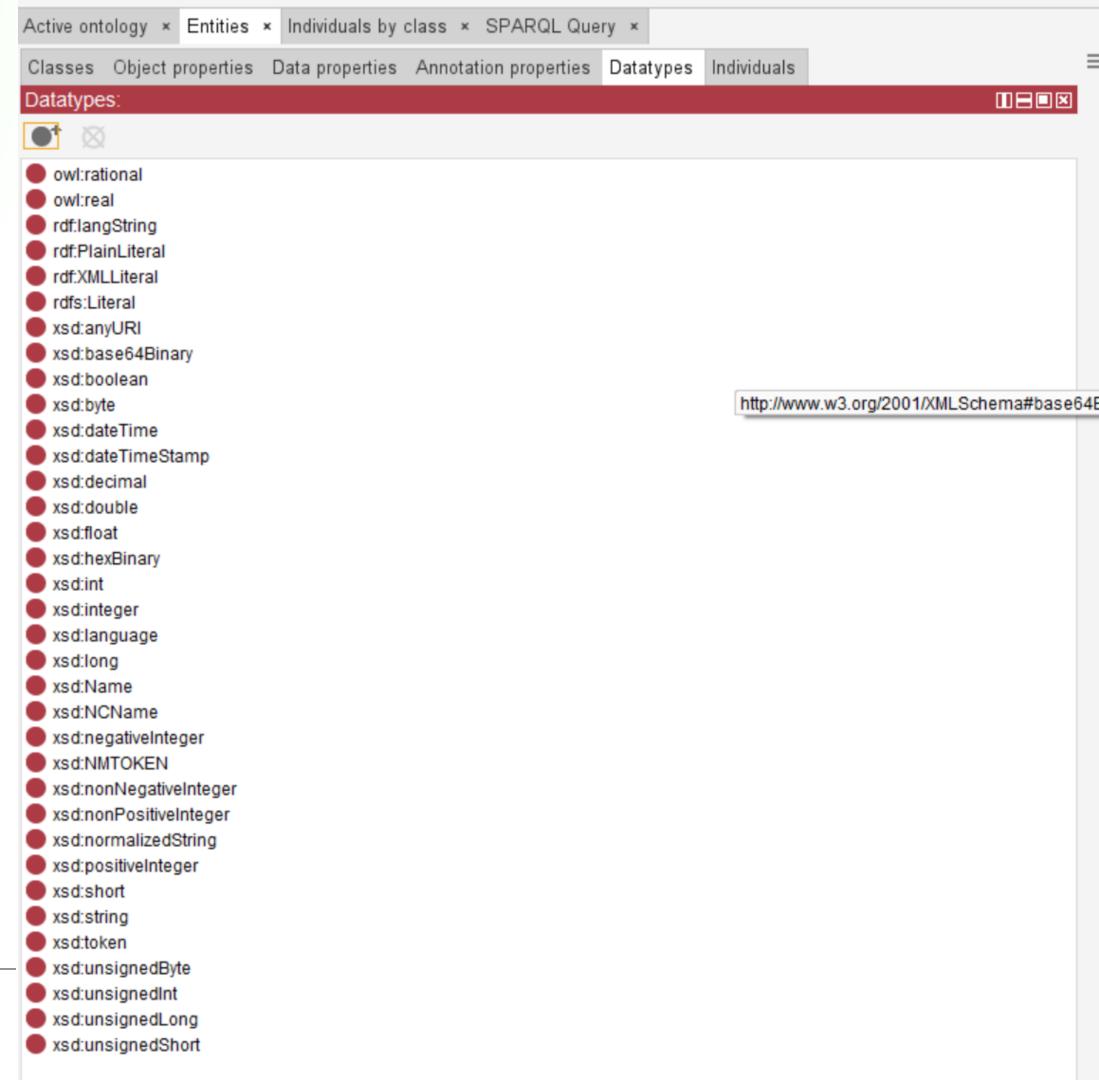






- country
- hasActor
- ··· isDirectedby
- · isWrittenby
- · Ianguage
- owl:backwardCompatibleWith
- owl:deprecated
- ··· owl:incompatibleWith
- ···· owl:priorVersion
- ··· owl:versionInfo
- ···· rdfs:comment
- ··· rdfs:isDefinedBy
- ··· rdfs:label
- ··· rdfs:seeAlso
- ··· title
- year year

#### Datatypes



# PART III OUERYING THE ONTOLOGIY

## Apache Jena

Download https://jena.apache.org/download/

### Fuseki

#### Apache Jena Fuseki

The binary distribution of Fuseki2 (this includes both the standalone and WAR file packaing) may be downloaded at:

apache-jena-fuseki-2.4.0.tar.gz (MD5, PGP)

apache-jena-fuseki-2.4.0.zip (MD5, PGP)

Fuseki1, built for the current version of Jena is available at:

jena-fuseki1-1.4.0-distribution.tar.gz (MD5, PGP)

jena-fuseki1-1.4.0-distribution.zip (MD5, PGP)

## Starting Fuseki Web Application

apache-jena-fuseki-2.4.0 > apache-jena-fuseki-2.4.0

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□ J bin	14.07.2016 14.33	Filmappe
🌏 run	14.07.2016 14.41	Filmappe
webapp	14.07.2016 14.33	Filmappe
fuseki	14.07.2016 14.33	Fil
🔊 fuseki.war	14.07.2016 14.33	WAR-fil
fuseki-server	14.07.2016 14.33	Fil
✓ 🔊 fuseki-server.bat	14.07.2016 14.41	Satsvis Windows-fil
🏂 fuseki-server.jar	14.07.2016 14.33	Executable Jar File
LICENSE	14.07.2016 14.33	Fil
NOTICE	14.07.2016 14.33	Fil

