Exercise:

Create an Ontology

**Summary**

In this exercise, you’ll take unstructured data from the House of Refuge dataset and create an ontology for the “offenses” committed by children. You will create **classes** of offenses and then categorize the rest of the information as **subclasses** with **properties** showing the relationships between the classes.

**Example**

* Note that this example makes curatorial assumptions. You can create whatever classes and/or subclasses you think make sense to describe a pervasive set of characteristics across the data.

**Class:** Non-violent Offenses

**SubClass:** Property Offenses

**SubClass:** Breaking into railroad cars

**SubClass:** Defacing property

**Note:** Properties are implied in this exercise. If you were writing out the ontology in an editor like Protégé, you would make the properties explicit.

**Task**

* Create an ontology, using the dataset on pages 2-5. First, organize your terms using the paper slips, then transcribe to the computer (if you have time).

**Discussion**

* What kinds of difficulties did you encounter?
* What kinds of curatorial decisions did you have to make?

**Dataset**

*For What Committed*

Apprentice returned

Arson

Assault & c.

Assault & battery

Assault with intent to rape

Bathing in daytime

Begging

Boarding car while in motion

Boarding street car in motion

Boarding train while in motion

Breaking into Car C.H.Q.

Breaking into cars

Breaking into railroad car

Breaking seal of railroad car

Burglary & housebreaking

Burglary

Burglary & c.

Carrying concealed weapons

Common thief

Cruelty to animals

Cutting

Cutting to kill

Cutting with intent to kill

Cutting with intent to wound

Danger of leading immoral life

Defacing property

Destruction of property

Discharging firearms in city limits

Disorderly

Disorderly conduct

Disorderly conduct & loitering

Drunkenness

Embezzlement

Escape inmate returned

Escaped

Escaped boy returned

Exposing person

Exposing person (swimming)

False pretenses

For home

For sentence

Forgery

Fornication

Fugitive from justice

Grand larceny

Having burglar tools

Having improper home

Held as a witness

Homeless

Homeless child

Homeless & destitute

Housebreaking

Idle & immoral life

Immoral life

Improper home

Incorrigibility

Incorrigibility / vagrancy

Incorrigible conduct

Indecent behavior

Injuring & defacing church

Jumping on train while in motion

Juvenile disorderly conduct

Juvenile disorderly person

Known thief

Larceny

Larceny ($65)

Leading immoral life

Loitering

Malicious destruction of property

Malicious shooting

Meddling with railroad property

Not having a proper home

Not suitable home

Not working

Playing truant

Obstructing railroad track

Obstructing sidewalk

Obtaining goods under false pretenses

Obtaining money under false pretenses

Petit larceny

Picking pockets

Playing cards on Sunday

Playing game of chance

Pointing firearms

Practicing game of chance

Practicing trick game

Rape

Rec. Stolen Goods

Recalled

Recalled from parole

Receiving stolen goods

Reckless driving

Remanded for sentence

Returned

Returned / vagrancy

Returned / petit larceny

Returned apprentice

Returned for home

Returned from parole / loitering

Returned, incorrigible

Returned inmate

Robbery

Robbery / vagrancy

Running from school

Stabbing with intent to wound

Stealing

Street beggar

Street begging

Street walking

Shooting with intent to kill

Stabbing with intent to kill

Taking horse without leave

Tending to lead an immoral life

Throwing stone at railroad train

Throwing stones

Trial incorrigibility

Trial, petit larceny

Truancy

Unlawfully discharging firearms

Unlawfully meddling with railroad property

Using obscene language

Vagrancy

Vicious conduct

Vicious habits & conduct

Violating parole

Without a suitable home

Without home

Without proper & suitable home

Without suitable home / homeless

Without suitable home

Witness