

# Open Street Map

Hooman Mesgary

# Introduction

- ▶ Tags
- ▶ Language support
  - name
  - name:en
  - name:ar
- ▶ Namings
  - name
  - alt\_name
  - int\_name
  - loc\_name
  - old\_name
  - official\_name

# POI – Drinking Water



- ▶ amenity=drinking\_water
- ▶ cold\_water=yes
- ▶ hot\_water=yes
- ▶ description=\*
- ▶ indoor=yes
- ▶ name=\*
- ▶ operator=\*
- ▶ access=yes/no/private
- ▶ bottle=\*

# POI – FastFood



- ▶ amenity=fast\_food
- ▶ name=\*
- ▶ operator=\*
- ▶ cuisine=
  - burger/barbecue/chicken/fish/kebab/pizza/...
  - african/arab/asian/french/indian/iranian/...
- ▶ diet:DIET\_TYPE=yes/no/only
  - vegeterian/dairy\_free/halal/...
- ▶ drive\_through=yes/no
- ▶ takeaway=yes/no/only

# POI – Food Court



- ▶ amenity=food\_court
- ▶ name=\*

# POI – Restaurant



- ▶ amenity=restaurant
- ▶ name=\*
- ▶ operator=\*
- ▶ cuisine=\*
- ▶ diet=\*
- ▶ opening\_hours=\*
- ▶ website=\*
- ▶ phone=\*
- ▶ smoking=\*
- ▶ delivery=\*

# POI – Studying



- ▶ amenity=
  - college/school/kindergarten/university
- ▶ name=\*
- ▶ operator=\*
- ▶ website=\*
- ▶ phone=\*
- ▶ wikipedia=\*
- ▶ min\_age=\*      max\_age=\*      – *Kindergarten*

# POI – Transportation

▶ amenity=bus\_station



▶ highway=bus\_stop



◦ bench=yes

◦ shelter=yes

◦ covered=yes

◦ ref=\*

▶ name=\*

▶ operator=\*



# POI – Gas Station



- ▶ amenity=fuel
- ▶ name=\*
- ▶ opening\_hours=\*
- ▶ fuel:diesel=yes
- ▶ fuel:octane\_91=yes
- ▶ fuel:octane\_95=yes
- ▶ fuel:octane\_98=yes
- ▶ fuel:e10=yes
- ▶ fuel:lpg=yes

# POI – Car Wash



- ▶ amenity=car\_wash
- ▶ name=\*
- ▶ operator=\*
- ▶ opening\_hours=\*
- ▶ self\_service=yes/no
- ▶ automated=yes/no

# POI – Parking



- ▶ amenity=parking
- ▶ access=yes/customers/permissive/private
- ▶ capacity=\*
- ▶ fee=\*

# POI – Taxi



- ▶ amenity=taxi
- ▶ name=\*
- ▶ capacity=\*
- ▶ operator=\*

# POI – Bank



- ▶ amenity=bank
- ▶ name=\*
- ▶ brand=\*
- ▶ operator=\*
- ▶ bic=\*
- ▶ drive\_through=yes/no
- ▶ atm=yes/no

# POI – ATM



- ▶ amenity=atm
- ▶ name=\*
- ▶ operator=\*
- ▶ cash\_in=yes/no
- ▶ drive\_through=yes/no
- ▶ currency:XXX=yes/no
- ▶ ref=\*

# POI – Currency Exchange

- ▶ amenity=bureau\_de\_change
- ▶ name=\*
- ▶ operator=\*
- ▶ currency:XXX=yes/no

# POI – Doctors



- ▶ amenity=dentist/doctors/clinic/hospital
- ▶ name=\*
- ▶ operator=\*
- ▶ phone=\*
- ▶ website=\*
- ▶ opening\_hours=\*
- ▶ wheelchair=yes/no



# POI – Drugstore



- ▶ amenity=pharmacy
- ▶ name=\*
- ▶ operator=\*
- ▶ phone=\*
- ▶ website=\*
- ▶ opening\_hours=\*
- ▶ drive\_through=yes/no

# POI – Pray



- ▶ amenity=place\_of\_worship
- ▶ religion=muslim/hindu/jewish/...
- ▶ opening\_hours=\*
- ▶ building=
  - church/cathedral/chapel/mosque/temple

# POI – Police



- ▶ amenity=police
- ▶ name=\*
- ▶ operator=\*
- ▶ phone=\*
- ▶ website=\*
- ▶ opening\_hours=\*
- ▶ wheelchair=\*

# POI – Phone



- ▶ amenity=telephone
- ▶ operator=\*
- ▶ covered=yes/no/booth
- ▶ indoor=yes/no
- ▶ fee=no
- ▶ payment:coins=yes
- ▶ payment:credit\_cards=yes/no
- ▶ payment:debit\_cards=yes/no
- ▶ payment:telephone\_cards=yes/no

# POI – \$%\*# \$



- ▶ amenity=toilets
- ▶ access=yes/permissive/customers
- ▶ fee=yes/no
- ▶ operator=\*
- ▶ female=yes/no
- ▶ male=yes/no
- ▶ unisex=yes/no

# Highways



- ▶ motorway
- ▶ trunk
- ▶ primary
- ▶ secondary
- ▶ tertiary
- ▶ unclassified
- ▶ residential
- ▶ service

# Links



- ▶ motorway\_link
- ▶ trunk\_link
- ▶ primary\_link
- ▶ secondary\_link
- ▶ tertiary\_link

# People



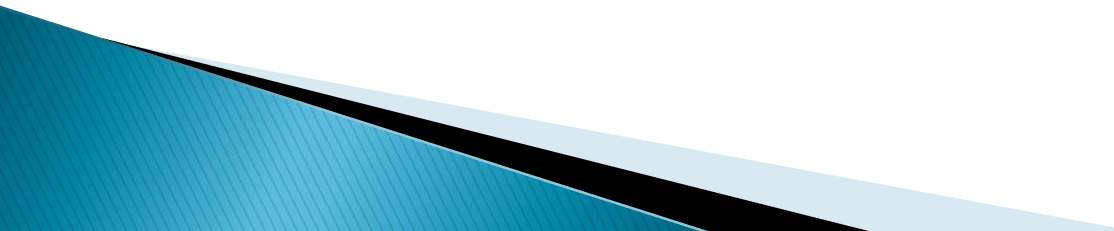
- ▶ footway
- ▶ pedestrian
- ▶ steps
- ▶ path



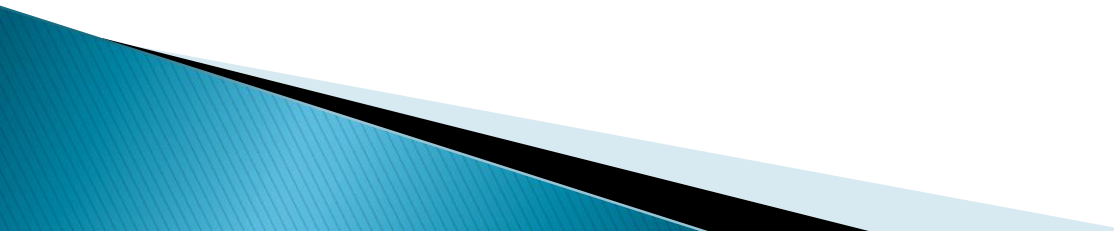
# Highways Tags

- ▶ name=\*
- ▶ ref=\*
- ▶ oneway=yes
- ▶ lanes=\*
- ▶ minspeed=\*
- ▶ maxspeed=\*
- ▶ bridge=\*
- ▶ tunnel=\*
- ▶ layer=\*
- ▶ sidewalk=
  - both/right/left/none
- ▶ footway=
  - both/right/left/none
- ▶ surface=
  - asphalt/concrete/wood/earth/grass/...
- ▶ amenity=
  - fuel/parking/driveway/alley/...

# Administrative Bounds

- ▶ Country
  - ▶ State
  - ▶ Region
  - ▶ Province
  - ▶ District
  - ▶ County
  - ▶ Municipality
- 

# City Break Down

- ▶ City
  - ▶ Borough
  - ▶ Suburb
  - ▶ Quarter
  - ▶ Neighbourhood
- 

# Population

- ▶ City
  - ▶ Town
  - ▶ Village
  - ▶ Hamlet
  
  - ▶ Island
- 