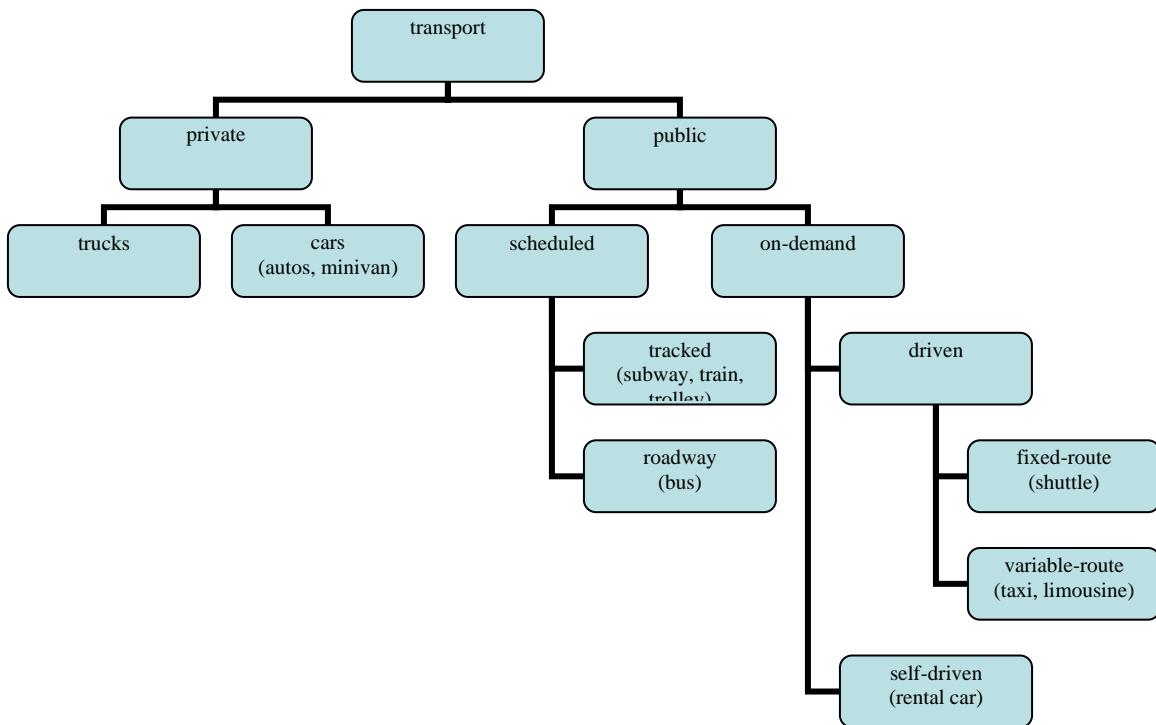


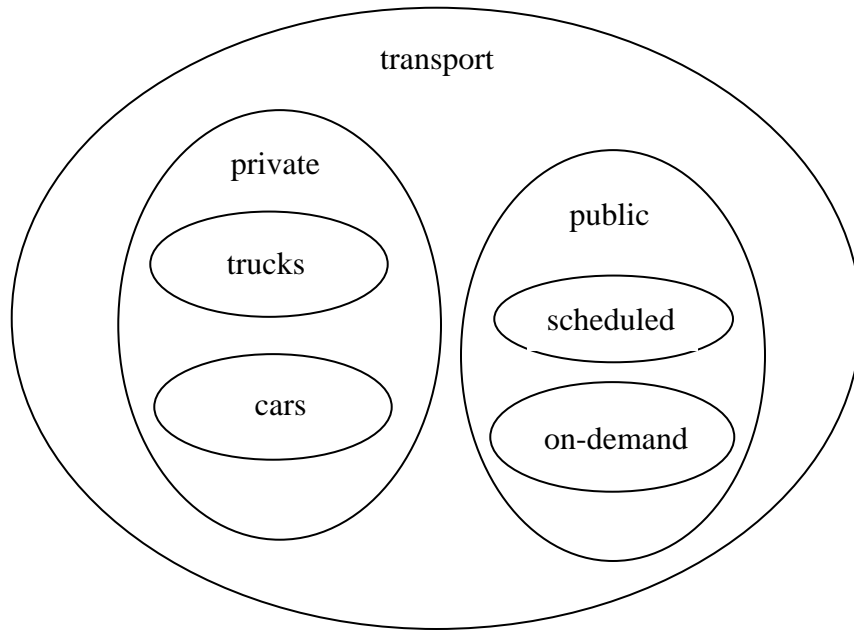
An example generalization

Elements:

subway
train
taxi
shuttle
bus
limousine
automobile
minivan
truck
rental car
trolley



Generalization in Venn Diagrams



Generalization in XML

```
<complexType name="Book">
  <sequence>
    <element name="Title" type="string"/>
    <element name="Author" type="string"/>
    <element name="ISBN" type="string"/>
  </sequence>
</complexType>

<complexType name="Magazine">
  <sequence>
    <element name="Title" type="string"/>
    <element name="Editor" type="string"/>
  </sequence>
</complexType>

<complexType name="NewsMagazine">
  <complexContent>
    <extension base="Magazine">
      <sequence>
        <element name="Dateline" type="string"/>
      </sequence>
    </extension>
  </complexContent>
</complexType>
```

Some basic XML types:

```
string
boolean
float
double
decimal
integer
date
```

Generalization in UML

