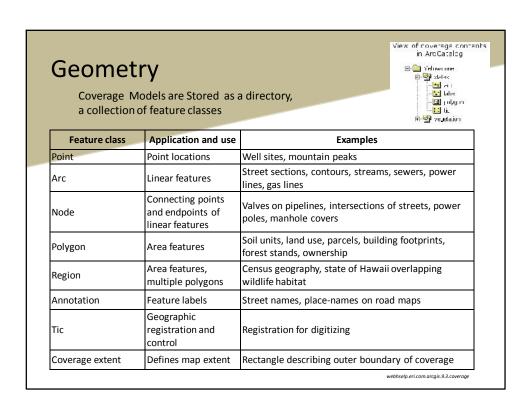
## **ESRI Coverage Model**

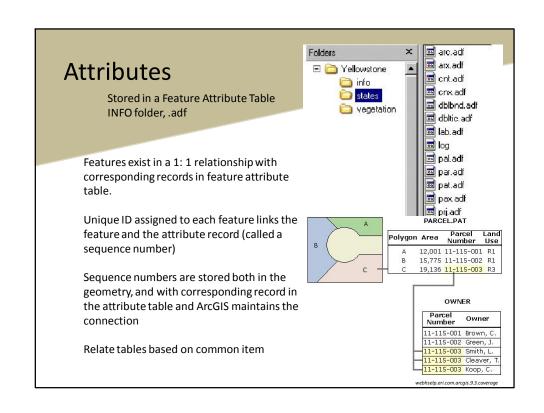
HeatherAnn Van Dyke GEOG 575 10-13-09

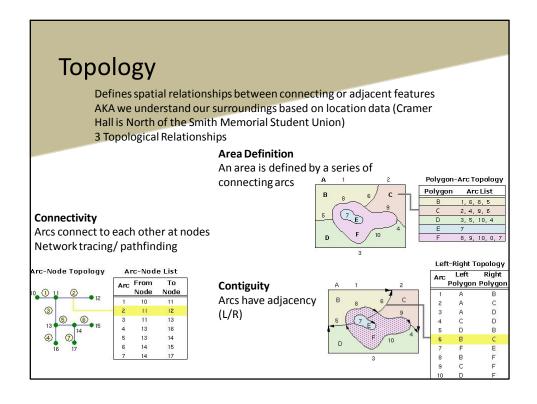
## IS a: Georelational Topological Vector Data model

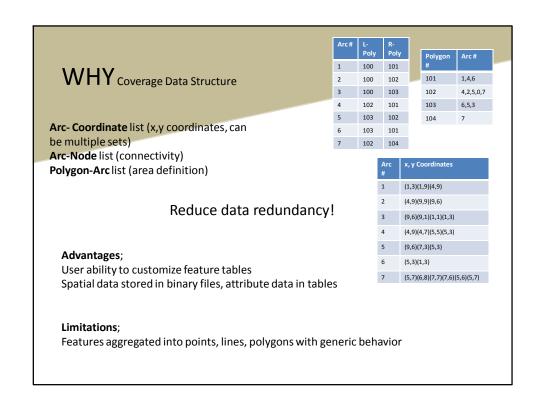
Stores geometry and attributes separately
Spatial relationships between connecting and adjacent features
Uses points and X,Y coordinates
Features are represented as points, lines, polygons

When: Introduced by ESRI, inc. in the 80's to differentiate ArcGIS from AutoCAD AutoCAD uses .DXF which does not contain topology









## Questions;

| 1.      | ESRI created the Coverage Model as a response and to distinguish itselffrom?                                     |         |
|---------|--|---------|
| 2.      | The common extension for an attribute table is, and it is stored in a folder which cannot be seen in ArcCatelog. |         |
| 3.      | Match each topological relationship with its corresponding topology table.                                       |         |
|         | Contiguity Polyg   | on- Arc |
|         | Area Definition Arc-N  | ode     |
|         | Connectivity Left/   | Right   |
| 4.      | 4. A Coverage data model is a georelational topological vector model   |         |
| because |  |         |
| ?       |  |         |

## Cheers!

References;

http://webhelp.esri.com/arcgisdesktop/9.3/iopicName=Coverage

Introduction to GIS 5<sup>th</sup> Edition, Chang 2009 McGraw Hill