REFERENCE SYSTEMS

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▸ Location defined as address

▸ Useful because of constrained nature of travel

▸ Places "off" network not definable

▶ <u>Geographic coordinate system</u>

▸ Location defined as latitude and longitude

▸ All places on Earth are defined

► **Informal systems**

▸ Place names, e.g., Chapel Hil

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GEOGRAPHICAL REFERENCE SYSTEM

▸ On a sphere, referencing is made using angles, using the center of earth as the origin.

▸ **Latitude**

  ▸ Measured N-S relative to Equator

▸ **Longitude**

  ▸ Measured E-W relative to Prime Meridian