ParaView Architecture

- Three tier
  - Data Server
  - Render Server
  - Client

Standalone
Client-Server

Data Server

Render Server

Client
Remote Visualization through Client/Server Mode

Tukey Visualization Cluster

Local Desktop
- Shell on Tukey

ParaView Client

ParaView Server

DISK

1. Remote Visualization through Client/Server Mode
2. Tukey Visualization Cluster
3. Local Desktop
4. Shell on Tukey
5. ParaView Server

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Data Representations: Glyphs

- 2D or 3D geometric object to represent point data
- Location dictated by coordinate
  - 3D location on mesh
  - 2D position in table/graph
- Attributes of graphical entity dictated by attributes of data
  - color, size, orientation
Data Representations: Contours (Isosurfaces)

- A Line (2D) or Surface (3D), representing a constant value.