

**The prototype of the DARE  
(Drawing an Adequate  
REpresentation) system**

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# Main issues

- We devised a general theory for establishing the adequacy of a visual representation
  - **visual rules** characterizing visual symbols and visual attributes (x,y,z axes, color, size, etc.)
  - **data rules** characterizing a data model and its instances
  - **mapping rules** characterizing the link among data and visual elements (symbols and attributes)
- We developed a first prototype dealing with instance representation during the visualization of a **large** (thousand tuples) query result