

Modality



text



image



video

Dimensionality



2D



2.5D



3D

State



static



interactable



dynamic

View

## Structural

Type



binary



categorical



ordered

Cardinality



one-to-one



one-to-many



many-to-many

Granularity



within-view



between-view



mixed-scope

## Qualitative

Priority



primary



secondary



equal



supplementary



peripheral

Relevance



related



dependent



belonging

Strength



weak



loose



firm



tight

## Positional &amp; Temporal

Direction



no-dir.



one-way



bidirectional

Spatial



none



relative



literal

Temporal



none



sequential



simultaneous

Lifespan



fixed



event



permanent

Relation

## View Geometry

## Grouping cues

Proximity



adjacent



near



distant

Continuation



aligned



cluster



freeform

Overlap



full



partial



none

Enclosure



full



implicit



none

## Separation cues

Anchoring



open space



physical envir.



physical obj.



body

Space Partition



vertical



horizontal



radial



layering



grid

Scale Hierarchy



uniform



size proportional

## Visual Marks

Encoding



mark



link



containment



simplification

Type



direct



overlay



routing



mediation



bundling

Location



none



within



around



covered



detached

## Visual Effects



joint position



joint geometry



joint illumination



joint material

Association