Date: 11 October 2016 Project: Profondeur Name: T Cameron Waller 11 Query 1 Number: Must be dynamic with supports Network Builder Study literature to- examples of | Pathway> Node Selector visualization of multi-dimensional Query Interface teed back. by many but also Link Selector networks (such as PathFinder). How to handle the dinensionality? Network Dinensions - Queries determine Main View The set of nodes and links the scope of Maybe show the entire set initially? is dependent on the query. nodes and links of avery defines nodes and links interest (interest set) The genes are connected Node Selector

(select to include) turn on/off - Use path ranking by but the connection is attributes (flax rate, explata) difficult, to represent or by path length or accurately without transcripts, proteins, and something. OGenes @ Maybe also allow actabolites. Really A genes could drag-and-drop ranking A Transcripts relate in to prioritize # Proteins multiple ways The idea that would O metabolites \_ be ambiguous Consider 1) Query the network how to maintain his thout the types to clarify to define interest set point-of-reference Link Selector as the network of nodes and links. R representation changes. Query returns multiple, En Code Let user specify Note An atternative ranked sets and user Expression returne mode selects (like PathFinder) approach: use a strategy Regulation to highlight an Also support experimental similar to Entourage. Transport network changes. use separate views for Lata-dependent auto-query recommendations. Talso to give automatic networks of different Catalysis I think the understandability)
of this strategy would
be limited. Think about it. >
song connection as go through dimensions, (types at modes and Z) User selects nodes, and Reaction. query or node attributes. links with links / portals between links, and relations, from these sub-network views. interest set to show according storexample which relations should to desired detail.

Support variety of visual encodings be links and which should be support variety of visual encodings regions (containment)? Data Mappa > elect which data to show and how.