


---

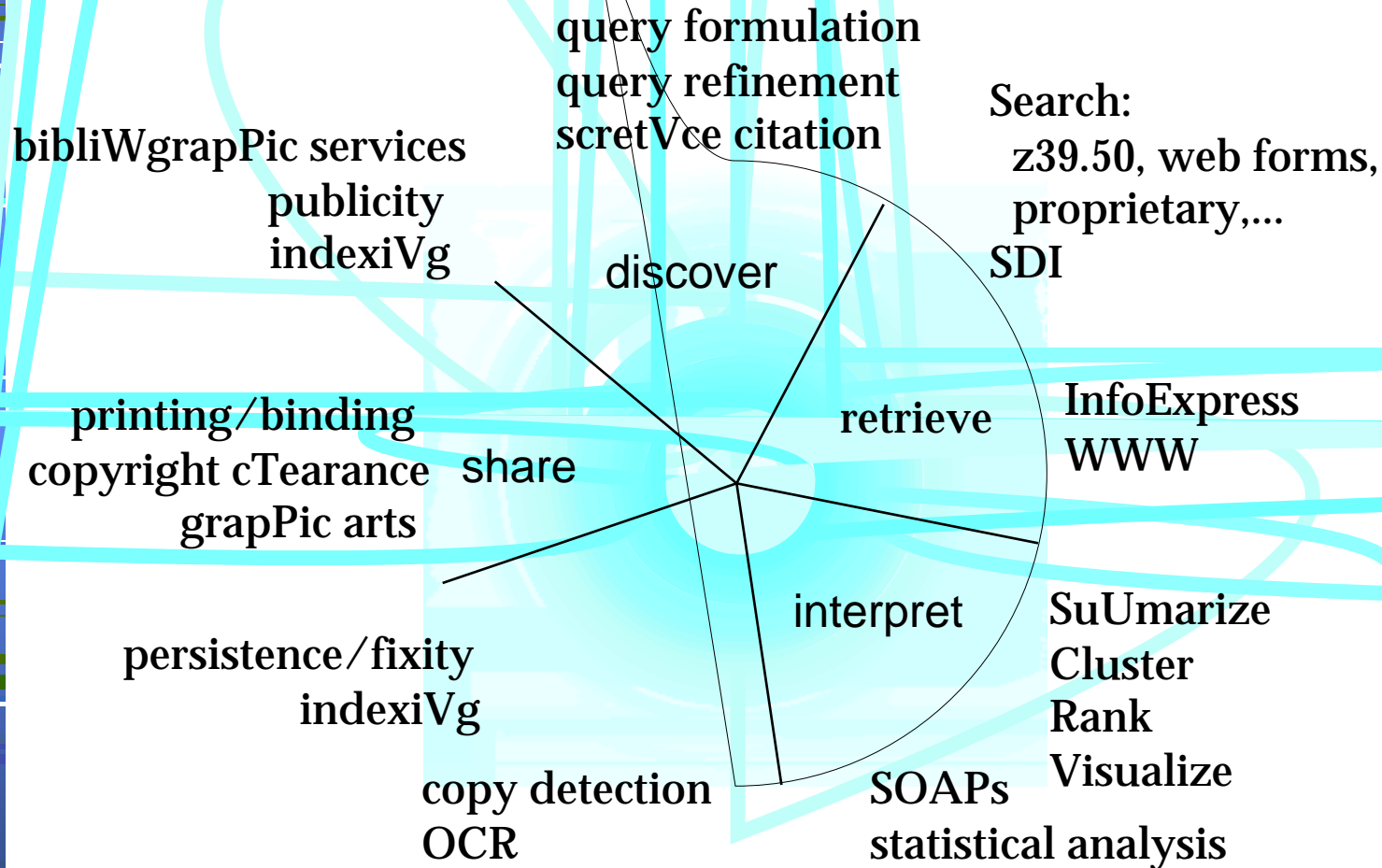
**Stanford University  
Presentation  
Meeting  
Santa Barbara  
November 9, 1995**



# *Fundamental Assumptions About Digital Libraries*

- ◆ **Information is not bounded,**
- ◆ **There will be increasing diversity of**
- ◆ **Search there is more than digital libraries than**

# *There is More to Digital Libraries than Search!*



# *Research Thrusts*

Computing  
Literature

The image features a complex abstract composition. On the left, a large dark blue vertical bar is partially overlaid by a lighter blue vertical bar. To the right, a light green trapezoidal shape tapers from left to right. In the center, there are several overlapping shapes: a purple rectangle, a tan shape, and a brown shape. The text 'Computing Literature' is positioned in the lower-middle section, overlapping the brown shape. At the bottom, there are several horizontal lines in various colors (blue, green, orange, brown) and some faint white lines.

*Today*

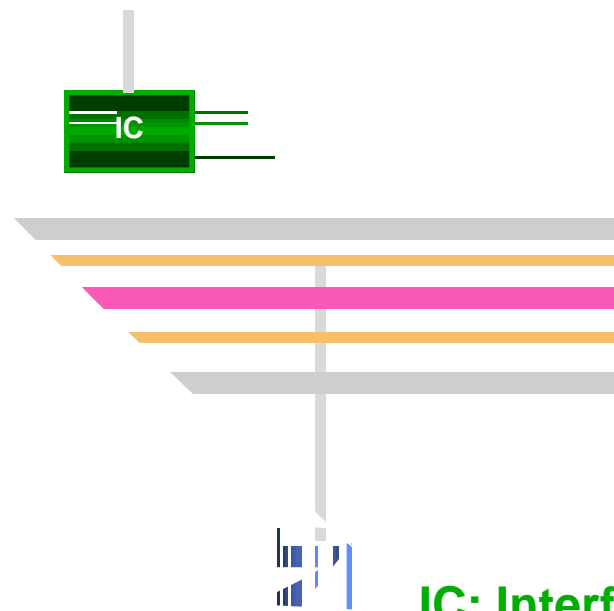
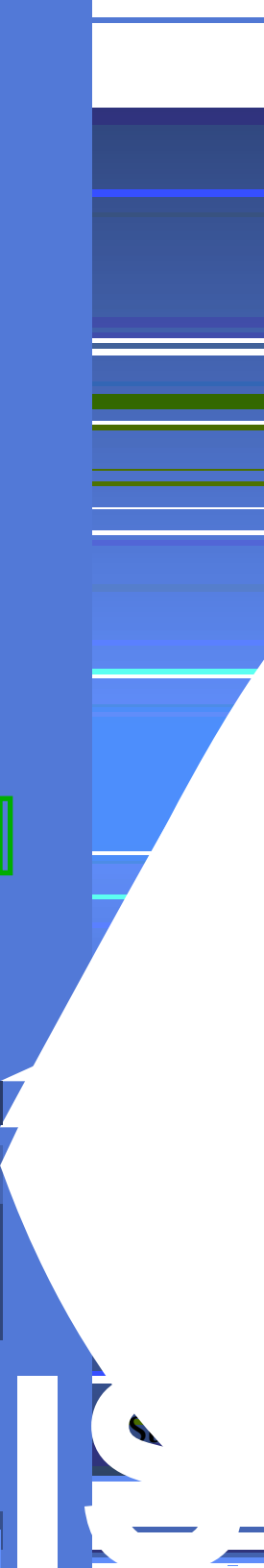


SA: Service AppTicatQoV

IC: IVterface CTieVt

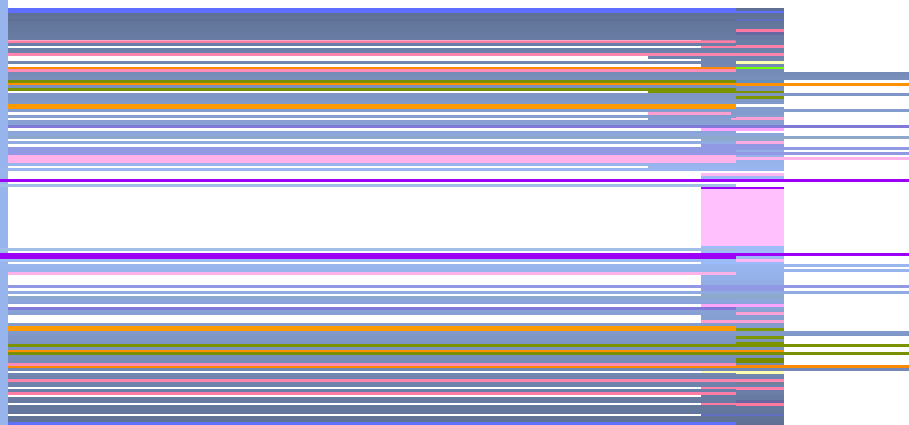
IS: IVforUatQon Source

Stanford University



**IC: Interface Client**

# *The Information Bus*



# *Goals for the User Interface*

- ◆ Flexibility for heterogeneous DL
- ◆ Persistence over various time scales
- ◆ Allow multiple services to be active
- ◆ Extensible service architecture





# *Current Interface Prototype*

Stanford University

# SenseMaker Overview

*Goal: To help users “make sense” out of results from heterogeneous search services, through interactive result analysis.*

- ◆ **Mediates between user and heterogeneous search services**
- ◆ **Introduces user-oriented distinct views, based upon negotiated attribute sets**
- ◆ **Enables user-directed, dynamically recursive abstract view result sets**

# SenseMaker InteractQon

Determine needed  $\Delta$  translate  
maxima over attribute sets and  
attribute set A IVTV set A

---

Present abstractQon view  
based on A User: CPoWse abstractQon type  
result sets

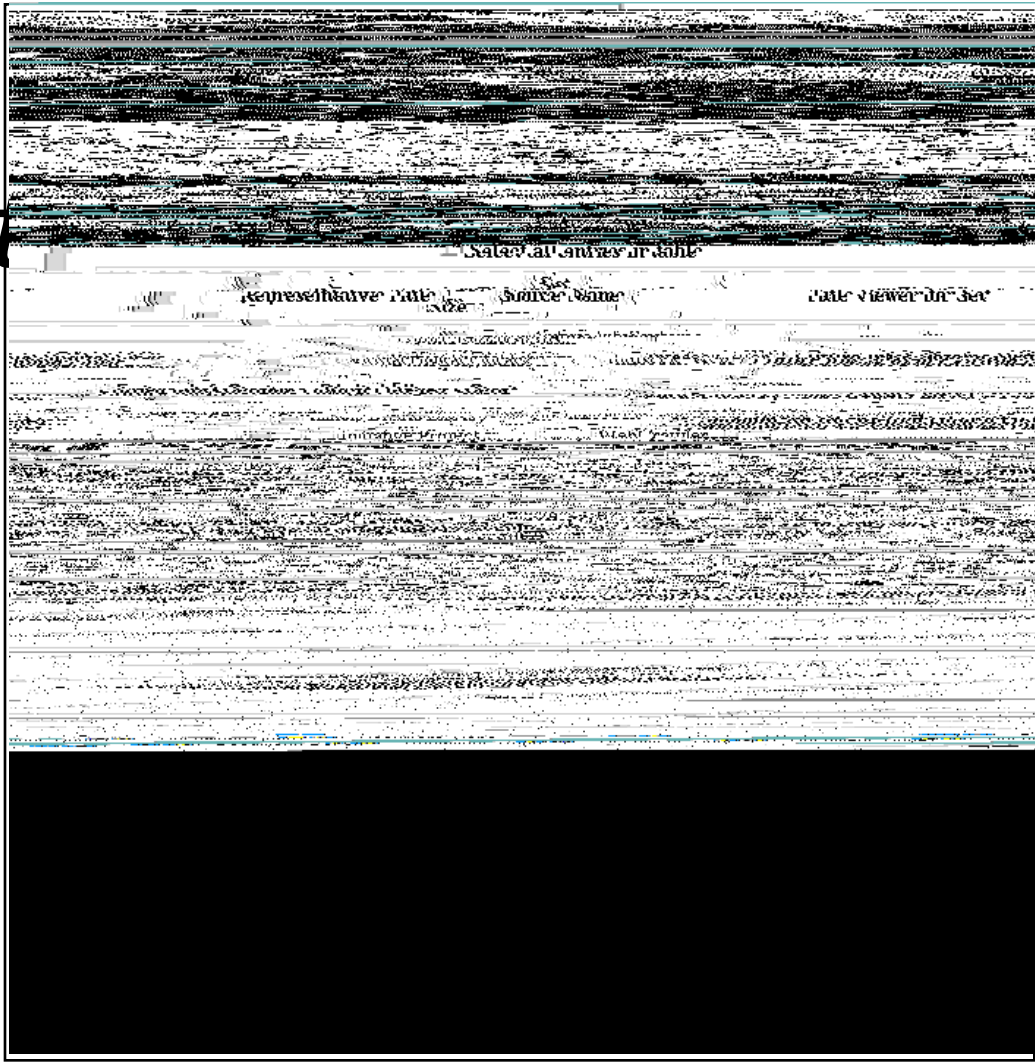
---

Present abstractQon  
(as a tabTe)

---

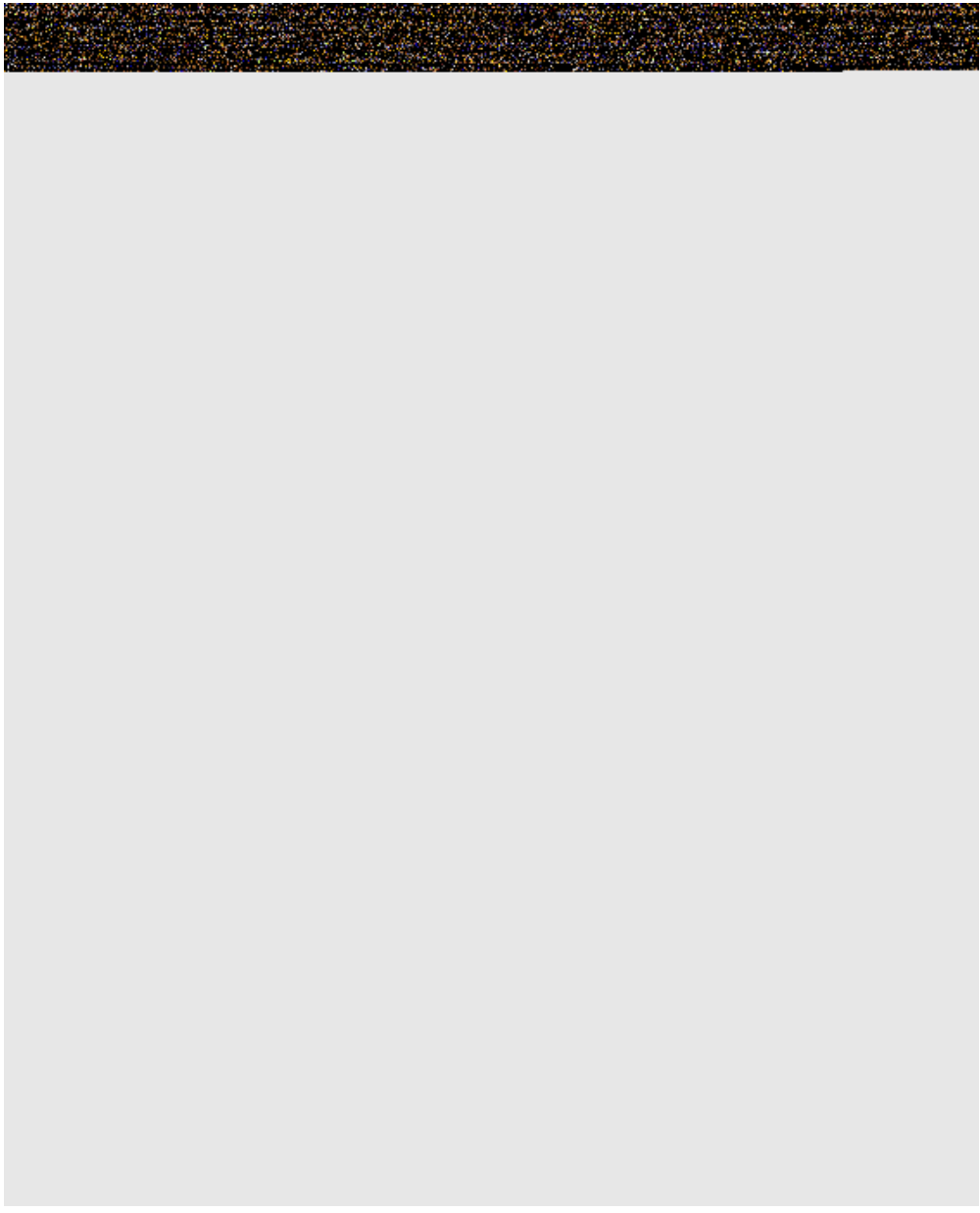
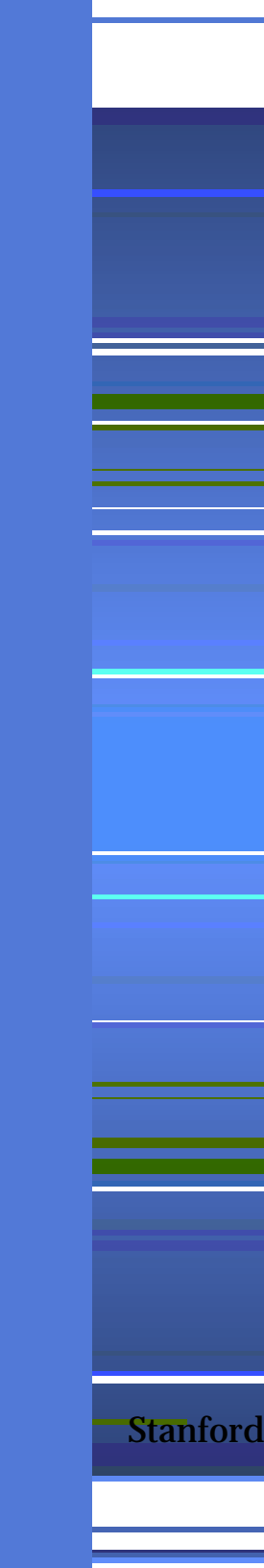
# SenseMaker:

Intro



# *ComMentor*

- ◆ Annotations
- ◆ ~~Discussions~~ Discussions
- ◆ Seals of Approval (SOAPs)
- ◆ Trails, Tours,



Stanford University

*AnnotatiWn*  
*Preview*