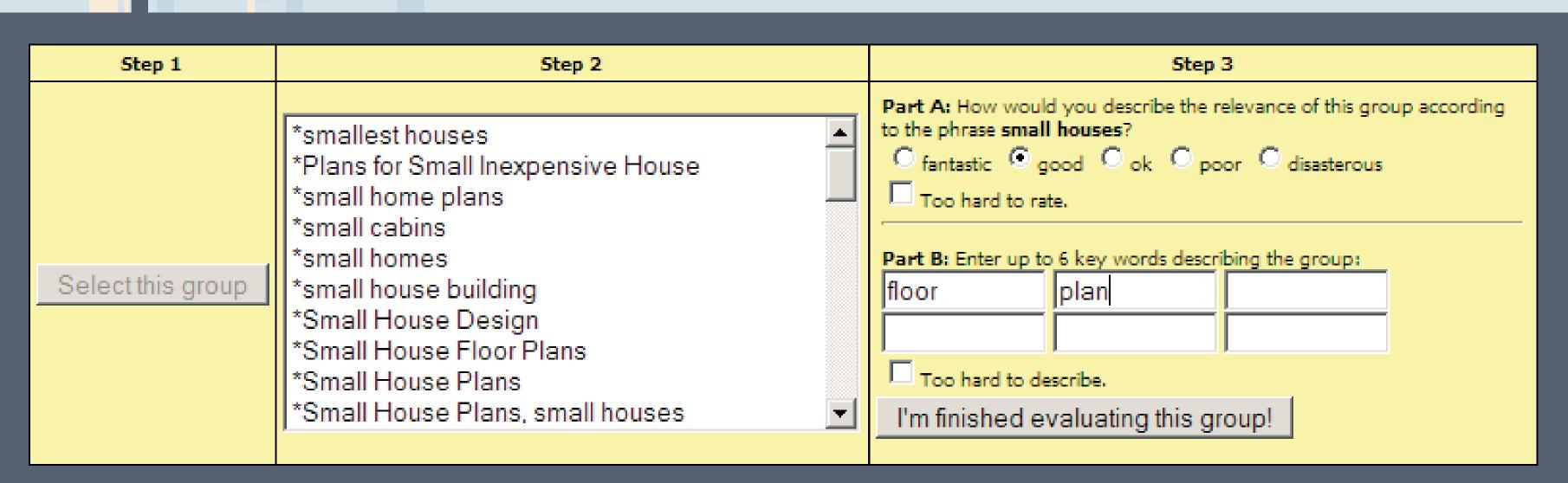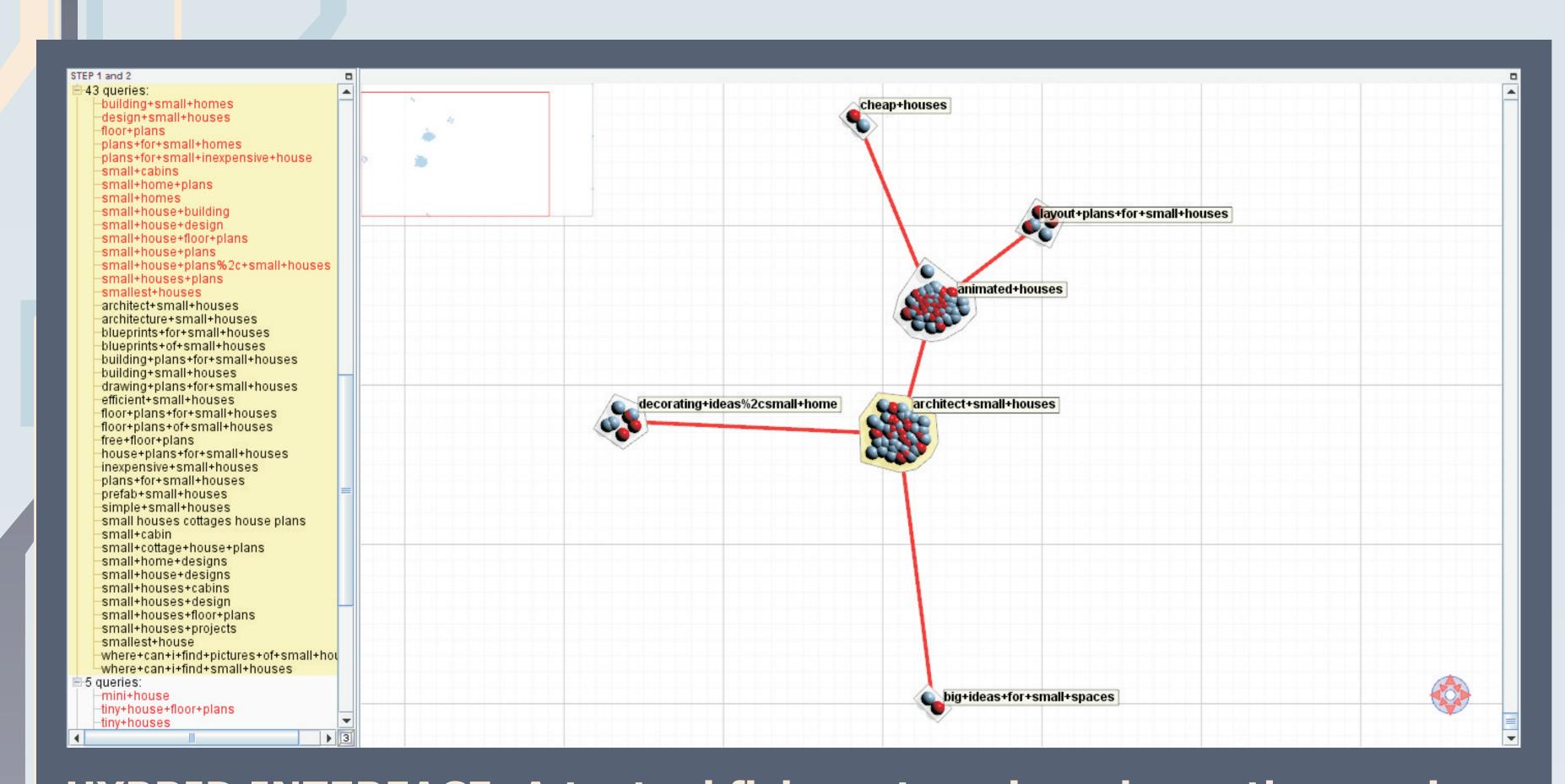# Name That Cluster: Text vs Graphics

The **purpose** of this work is to elucidate when and why text appears to outperform graphics for certain fundamental clustering related tasks.
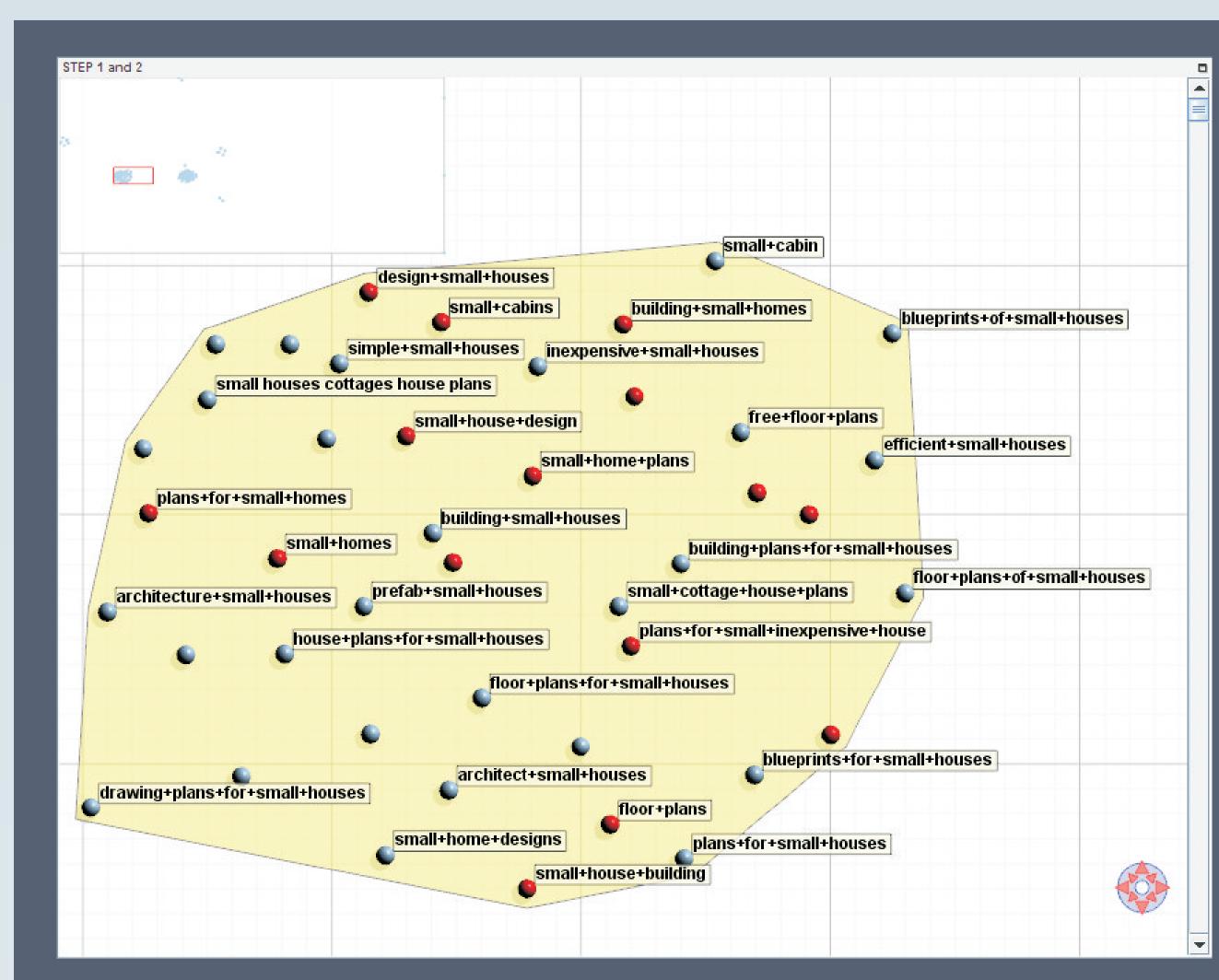
This work **presents** a preliminary user study with three interfaces to display flat clusters of user queries, mimicking the presentation of search engine results.

TEXTUAL INTERFACE: A browsable list shows the clustered queries and the feedback form allows to *grade* and to *name* the cluster.

GRAPHICAL INTERFACE: Colored marbles represent the queries, more labels are shown as the user zooms in. A feedback form can be brought up to *grade* and to *name* the cluster.

HYBRID INTERFACE: A textual fisheye treeview shows the queries and the canvas as in the graphical interface. Existing ties between clusters can be added using the slider at the right. To *grade* and *name* the cluster, a feedback form can be brought up.
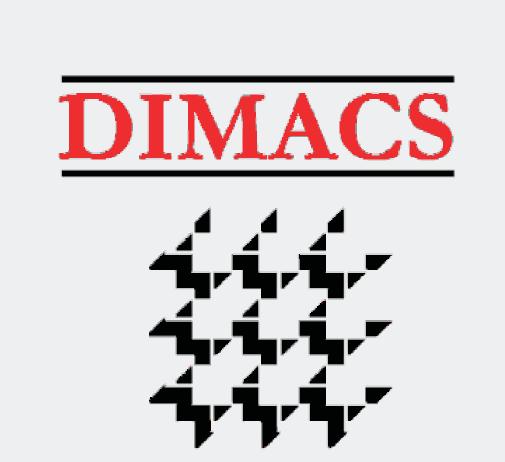
Overall cumulative experimental results will be provided to each user incrementally.

You are welcome to join us in our effort to evaluate these interfaces in a web-based user study!

Contact us here at the poster or at crobakj@cs.rutgers.edu

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