

Phlat & Facet Map:

Interfaces for faceted personal information retrieval

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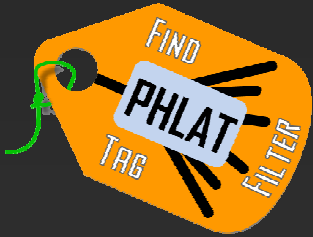
Faceted Search

- **Term for the exploration of information spaces with rich orthogonal metadata properties. These properties are dubbed “facets.” (E.g., Author, Date, Document Type, Genre, Annotations, etc.—see Marti Hearst)**
- **Most frequently used in vertical domains (literature, architecture, music)**



Phlat

- **Interface for Windows Desktop Search**
 - ◆ Files, Email, Web History
 - ◆ Also used w/ Memex project
- **Can we cast all information exploration as search? Browsing facets is expressed as a property-restricted search.**
- **Also explores intuitive use of user-defined metadata (tags)**



Phlat

ASI Phlat

File Edit View Tools Help

Clear 9 results Go

search

Phlat

Susan Dumais

★ Saved Queries

📅 Date

🏷️ Filter by Tag

- Work
 - Projects
 - ASI
 - SIS
 - PDA
 - Phlat
 - BCI
 - Mouse
 - VIBE
 - India-IM translation
 - Ideas
 - Techfest
- Conferences
- Info Retrieval

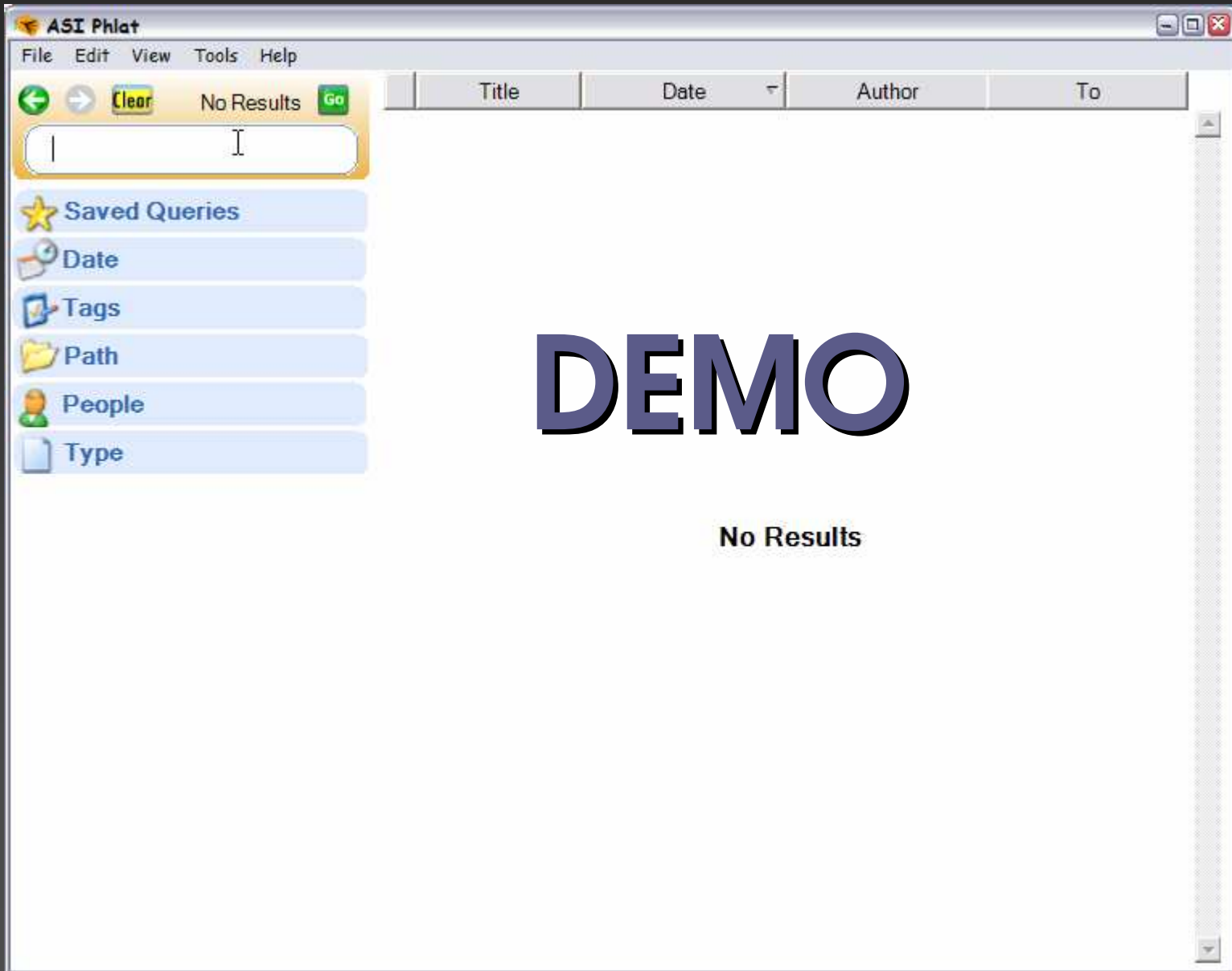
+ Personal

📁 Path

👤 People

📄 Type

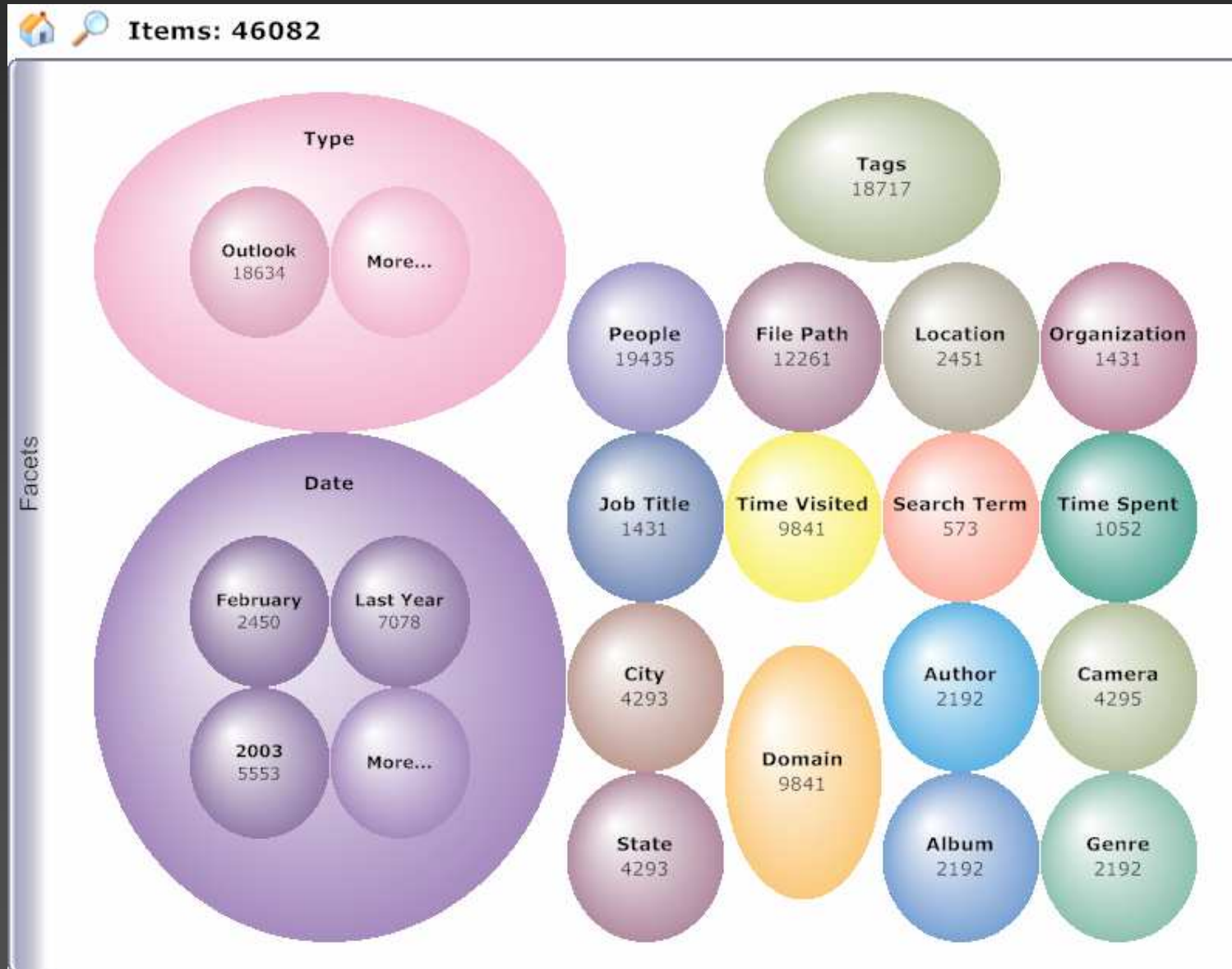
Title	Date	Author	To
Within the last year			
Feedback on P...	2/17/2005 7:54:28...	Susan Dumais	Ed Cutrell; Steve A...
Ed - Don't we have a field called "Flag Status"? I couldn't get it to show Outlook flags, but it may work for others. Sue...			
Path: /Mailbox - Ed Cutrell/Inbox/Current Projects/SIS/SIS FeedBack			
Tags: "Work\Projects\Phlat"			
New in Deskto...	2/16/2005 1:00:00...	Ed Cutrell	Ed Cutrell; Chris M...
I'd like to meet for some show & tell sharing about what's new in desktop search from Chris & we can show what's up with Phlat.			
Path: /Mailbox - Ed Cutrell/Calendar			
Tags: "Work\Projects\Phlat"			
Techfest - Pres...	2/16/2005 9:00:00...	Kirsten Wiley	Kirsten Wiley; And...
Hi All - Wagged and I are just finishing up our scrub of what demos we would like to show to the press. I wanted to know if we could stop by and see your...			
Path: /Mailbox - Ed Cutrell/Calendar			
Tags: "Work\Projects\Phlat"			
SIS-Cambridg...	10/28/2004 11:17:3...	Susan Dumais	
Stuff I've SeenEdward CutrellMicrosoft			
Researchhttp://research.microsoft.com/~cutrellOutlineSearch todaySearch with...			
Path: Desktop			
Tags: "Work\Projects\Phlat";"Work\Projects\SIS";"Work\Ideas";"Status\Complete"			
More than a year ago			
Property store...	4/2/2003 6:03:45 P...	Steven Drucker	Susan Dumais; Eri...
One of the things that I'm curious about trying to do with full-text queries, is some way to do progressive refinement on the resulting sets. One of the powerful...			
Path: /Mailbox - Ed Cutrell/Inbox/Current Projects/Phlat			
Tags: "Status\Completed";"Work\Projects\Phlat"			



Facet Map

- **Visualization & interface for browsing rich property store– currently implemented with Memex database.**
- **Scales in three ways:**
 - ◆ Space: Recursive, space-filling algorithm generates useful views for any size screen
 - ◆ Items: Large numbers of items aggregated/abstracted into groups and counts at multiple levels
 - ◆ Facets: New item attributes can be added to the visualization dynamically
- **Fixed minimum node size to guarantee readability**
 - ◆ Consistent information density
 - ◆ Greater levels of detail are collapsed until they are feasible to present, given display constraints

Medium Size (No Filters)



Medium Size (Filters Active)

Items: 1052 (Out Of 46082)

