

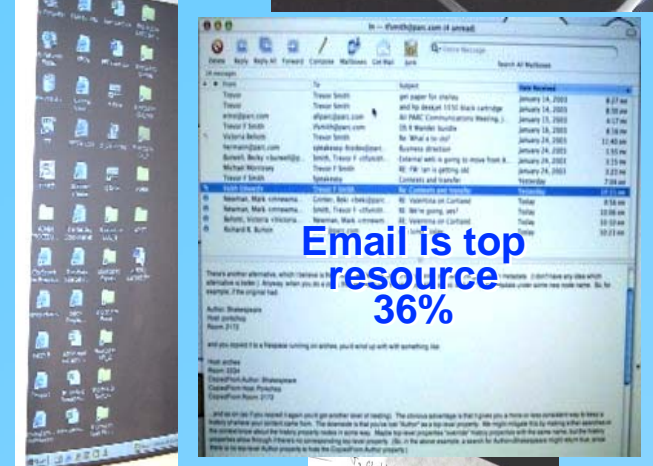
Managing Activities with TV-ACTA



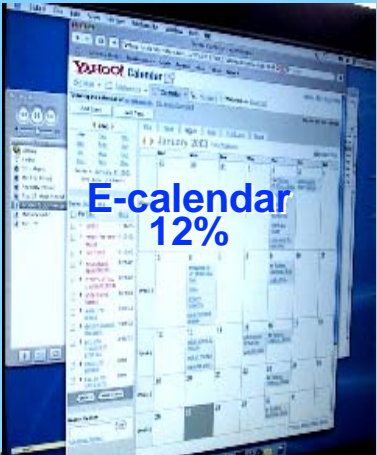
Naturally occurring task management

Ethnography

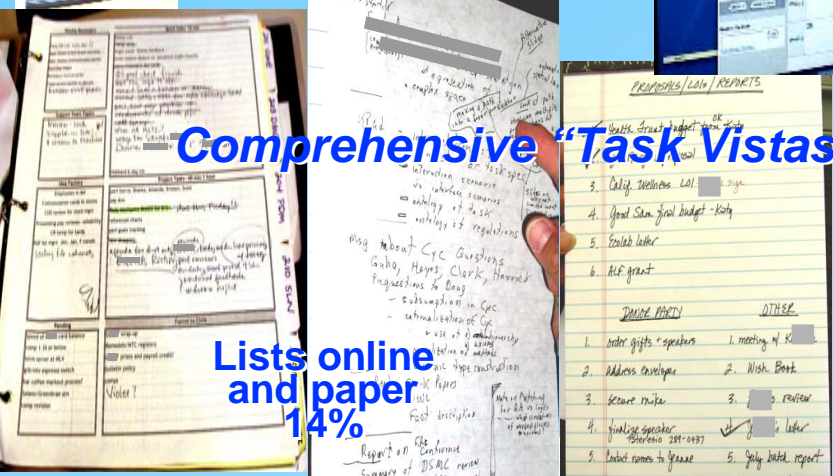
- Existing resources work well
- Forgetting is not the big problem
- Effort of PIM is the problem



Email is top resource
36%

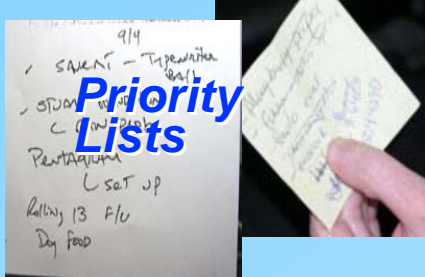


E-calendar
12%



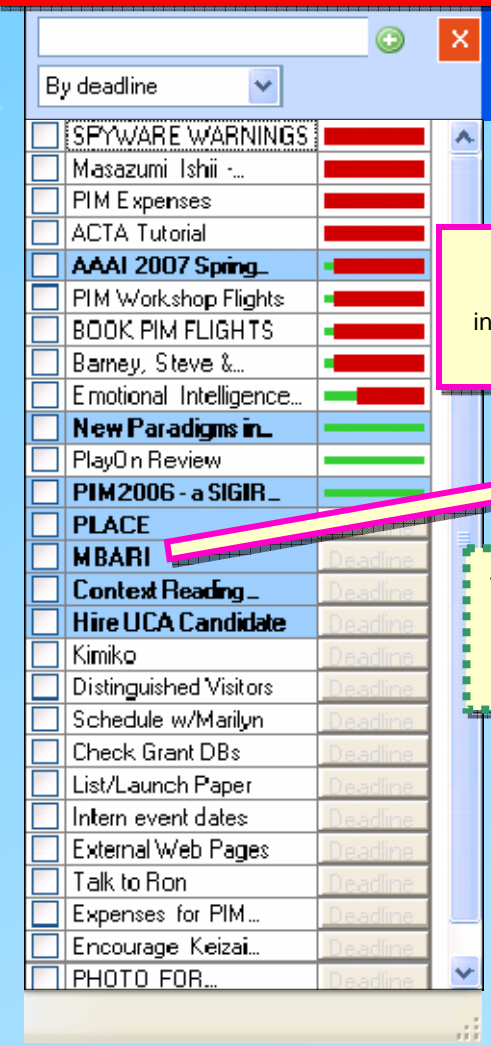
Comprehensive "Task Vistas"

Lists online and paper
14%



Priority Lists

Task Vista To-Do Manager:
A flexible task list resource

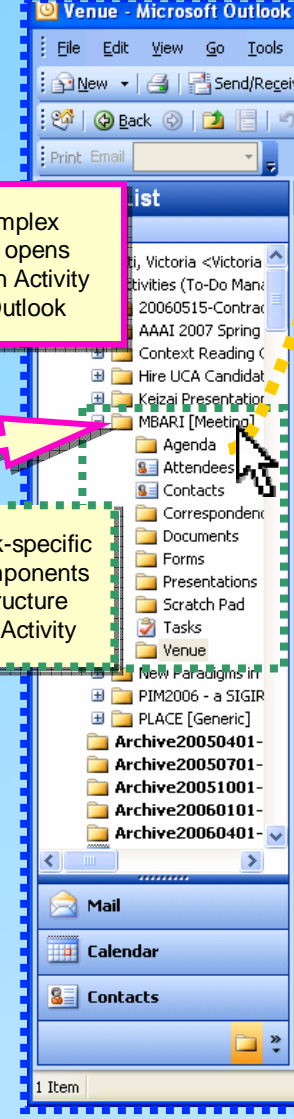


Complex task opens into an Activity in Outlook

Task-specific Components structure an Activity

Design

ACTA Activity Structure:
A semantically rich organizing tool



Dragging an item from Outlook or elsewhere implicitly conveys meaning within the Activity so the system can learn what the user is doing



Details panes show organized information

Meeting Agenda for MBARI [Meeting]

Default start time: 10:00 AM, Location: Palo Alto Research Center, State: CA
 Date: Mon Jun 26, 2006, Street: 3333 Coyote Hill Road, Country: USA
 Default duration: 30, City: Palo Alto, Zip: 94304

Duration	Item	Presenter	File Name
15	Welcome	Elizabeth Churchill	
30	Introduction	Brinda Dalal	MBARI-PARCintro-V2
30	Breakthrough	Mark Stefik	PARCUserCenteredInnovate3
15	Break		
30	GOMS Analysis	Stu Card	GOMS Analysis
45	Field evaluation	Peter Pirolli	FW-Report
60	Lunch		

Attendees: Ed Chi, Brinda Dalal, Stu Card, Peter Pirolli, Mark Stefik, Victoria Bellotti, Diane Schiano, Jonathan Cohen, Elizabeth Churchill

Presentations and Handouts: MBARI-PARCintro-V2, PARCUserCenteredInnovate3, GOMS Analysis, FW-Report

Drag and drop special-purpose Agenda Component intended to be hooked up to back-end system model of state of Activity

Task Management Design Findings

To solve the list creation & prioritization effort:

- Simple, lightweight, drag & drop To-Do Manager
- At hand on desktop
- Supports multiple views of tasks
- Integrated with email
- Supports time-management
- Can record state in task notes
- Captures participants & makes them easy to contact

Early evaluation shows users:

- Demand low-effort investment
- Require familiar visualizations
- Like task-centric view of resources
- Want to get to participants easily

Victoria Bellotti & Jim Thornton
bellotti@parc.com; jthornton@parc.com

parc Palo Alto Research Center

calo

DARPA