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Information Awareness

What is Information Awareness?

- Staying aware of information changes
- It's a secondary, peripheral task
- Examples: news, sport scores, stock prices, weather forecasts, etc.

Implications

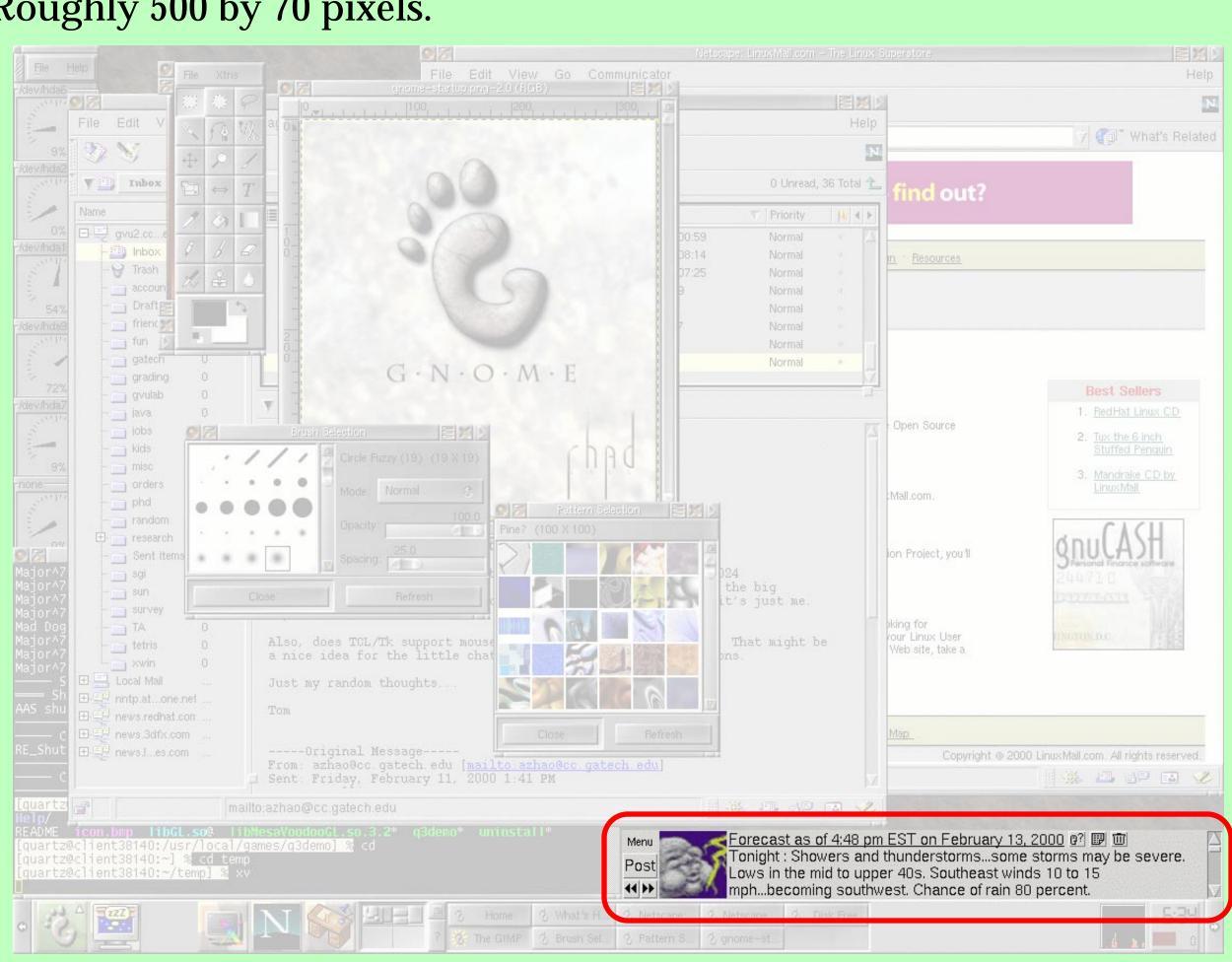
- Large amount of information
- Small amount of dedicated screen real-estate
- Animation helps

Why Tcl/Tk?

- Development and maintenance costs are low
- Powerful networking and regular expression packages allow easy information collection and extraction
- Cross-platform support with low runtime resource requirements
- Peripheral information display widgets available

Small On-screen Size:

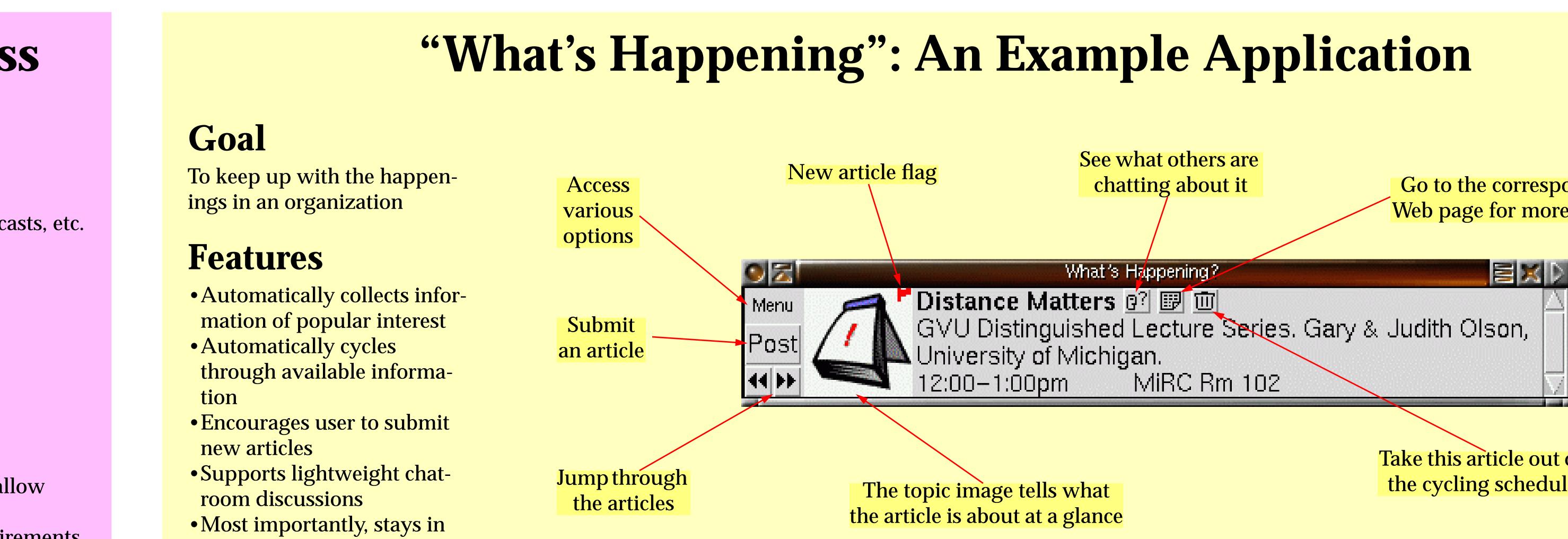
Roughly 500 by 70 pixels.



"Less is More"

Using the minimum number of buttons to get the job done.

Designing Information Awareness Applications in Tcl/Tk



Techniques to Minimize Distraction:

the *periphery*

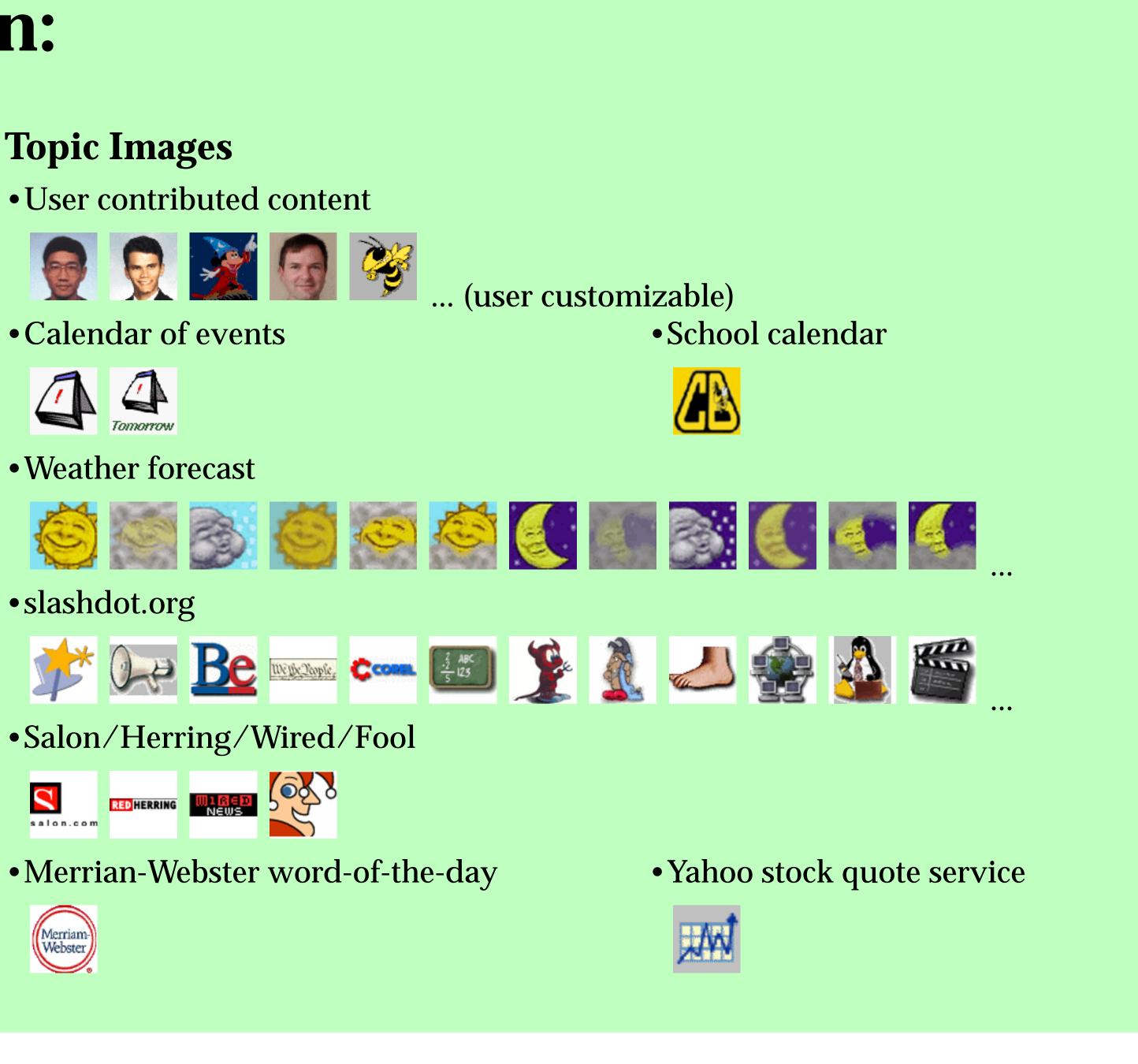
Smooth, Slow-changing Animated Transition

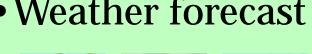
A "wipe-down" animation takes 64 steps to transit from the previous article to the next. A time-lapse series of 5 of the steps is shown below:

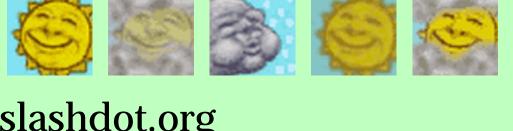
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■ SUNW:92.5625(-1.875)

Topic Images

• User contributed content

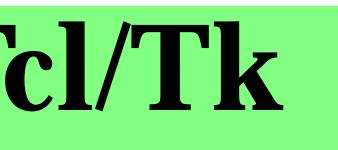


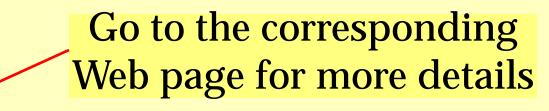




•Salon/Herring/Wired/Fool

For more information, please visit:





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