

Beyond Total Capture: A Constructive Critique of Lifelogging

Total Capture vs. Situation Specific Capture

Total Capture

- Lifeloggers aim to remove the "memory burden"
- Used for recollection
- Doesn't actually capture everything
- Can overwhelm with data
- Visual imagery and autobiographical information is often linked

Situation Specific Capture

- Lifelogging in particular contexts
- Business situations
- Organisational knowledge
- Is it really lifelogging?

The Five R's of Human memory

- Recollecting
- Reminiscing
- Retrieving
- Reflecting
- Remembering intention

Recollecting

- Mentally reliving past personal experiences (episodic memories)
- Autographer/SenseCam



Reminiscing

- Emotional episodic memories
- Socially or individually
- Autographer Software share function
- Facebook



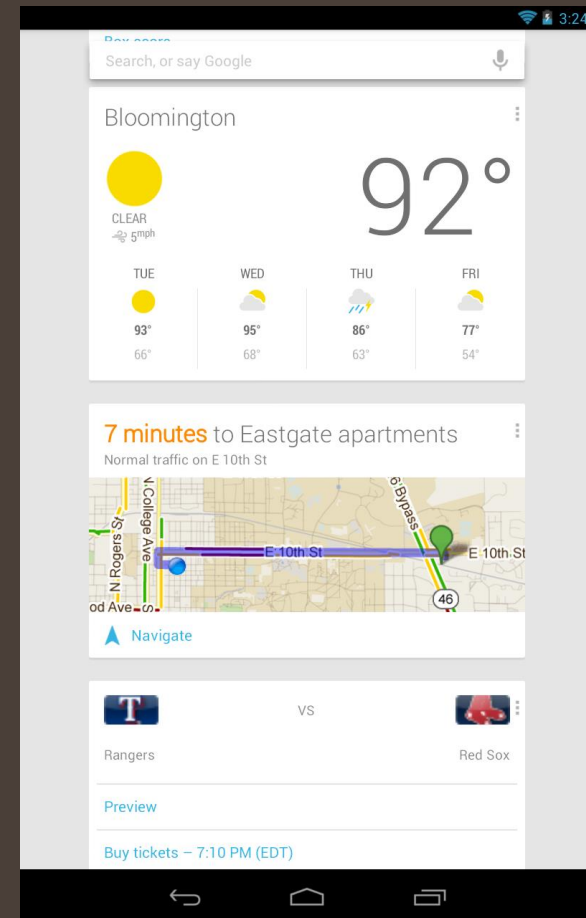
Retrieving

- Recovery of specific digital information
- Documents, information
- Less visual, more tools for searching
- Dropbox, cloud storage solutions



Remembering Intention

- Prospective events
- Planning future activities
- Google Now
- Aviate



Impact of Lifeloggers

- Little to no impact
- Studies tend to agree they are useful for the short term
- Diminishing returns after 3 months

Tools to remember

- Large digital databases often are not looked at
- Not used if user feels they can remember unaided
- Users settle for less than perfect accuracy if it is easy
- Fallible organic memory or precise digital record
- Total capture and adequate tools