IM2 2009

Capturing & synthesizing tools (Workshop I with Pierre Dillenbourg)

Participants :
Indermühle Emanuel - UniBe
Suditu Nicolae - Idiap
Imseng David - Idiap
Bornet Olivier - Idiap
Tarsetti Flavio - Idiap

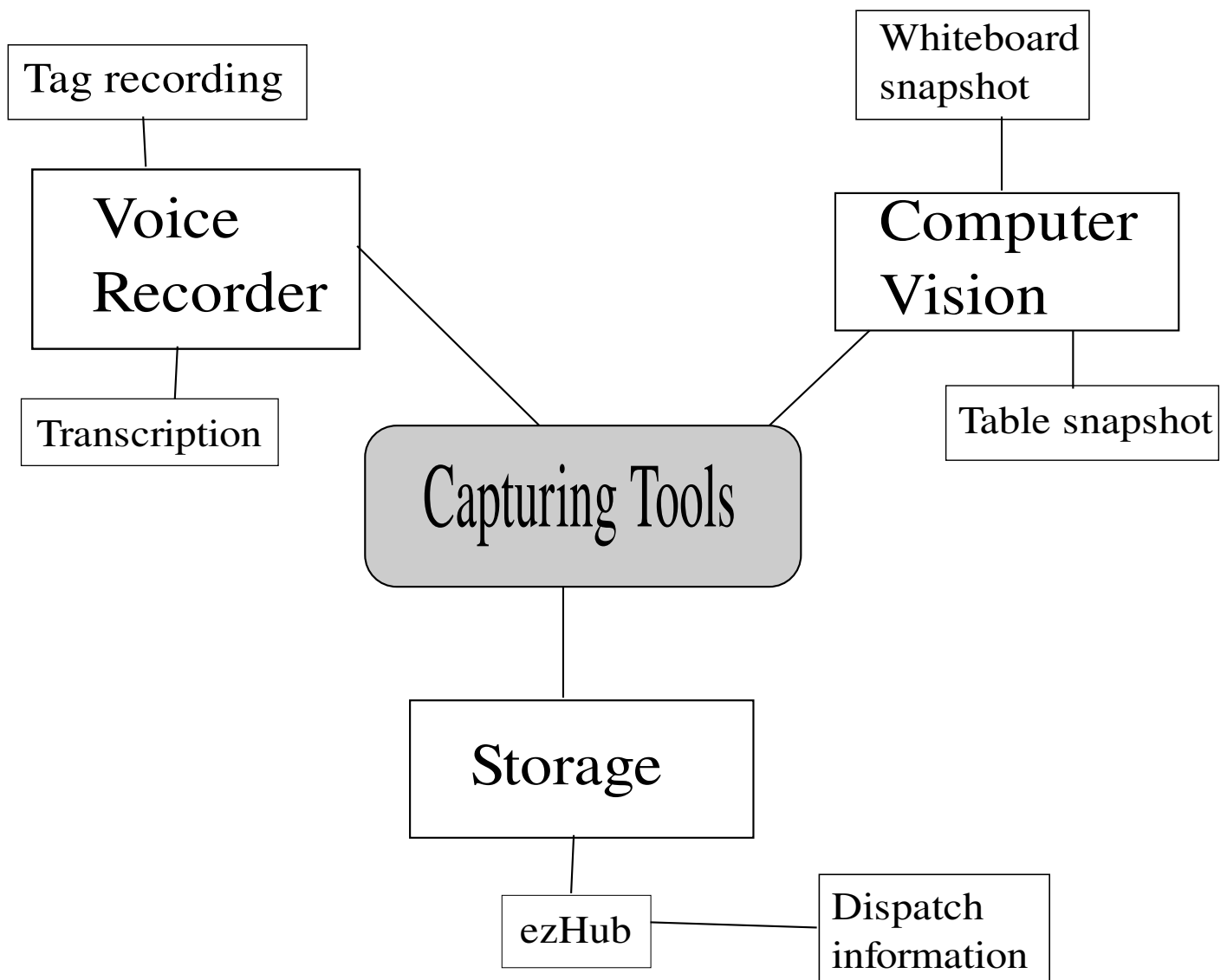Technology that has already been developed under IM2 and which could be used for the "Bubble" concept at EPFL's Learning Center :
- microphone array
- web ASR
- speaker diarization
- handwriting recognition
- general image processing techniques
- object detection and recognition
- ezHub

Technology to be developped under this capturing tools concept :

IM2 Summer Institute 2009 : Brainstorming around capturing tools application :

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Concept : WHITEBOARD@ALL

Idea : Have a meeting in the Bubble and keep a recording of the meeting.

Phase 1 :

Using a basic camera, a snapshot of the white board can be taken each time a participant hits a red button on the table.
Options :
- The photos are sent to the participants e-mail. (We assume the participants have booked the Bubble for their meeting)
- Or the photos are stored on a place in EPFL website and publicly available for the next 10 days following the meeting
- The participants can save their meeting on their USB stick which could be plugged to the table in the bubble..

Phase 2 :

Using handwriting recognition : each participant can write their e-mail address on the whiteboard at the beginning of the meeting.
The system will automatically register their e-mail address. (No need to book the system in advance).

Phase 3 :

adding some more fancy features such as web ASR to have the transcription of the meeting ...