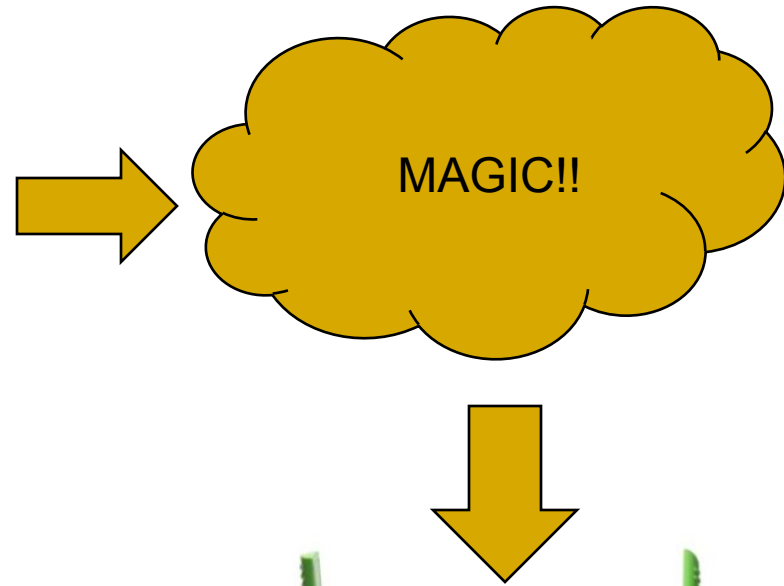
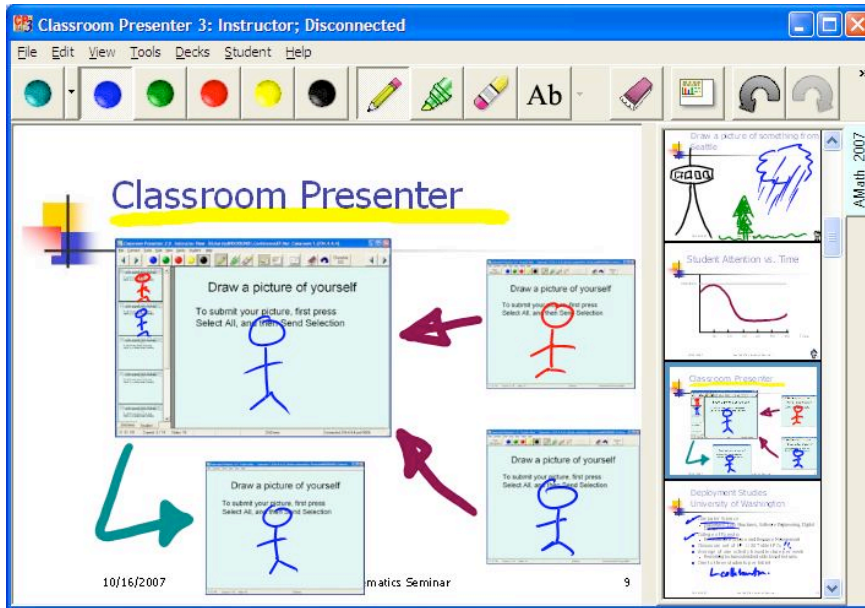


Classroom Presenter on the XO



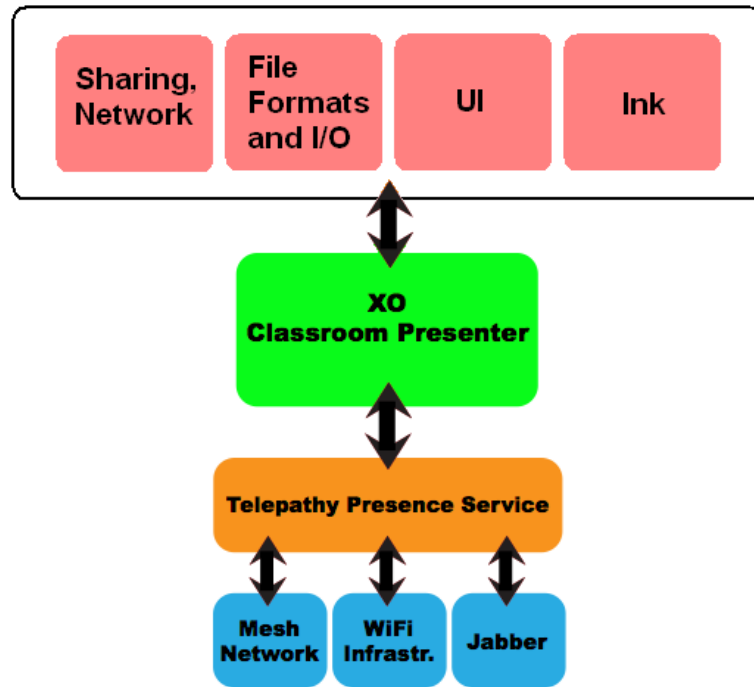
Mathias Klous
Will Burnside
Brian Mayton
Kristofer Plunkett



Quick reminder of project

- XO being donated to schools worldwide
- Teachers want to integrate XO into classroom environment
- Classroom Presenter on the XO Laptop

Quick overview of implementation plans



- Activity built in Sugar GUI, on top of Telepathy networking layer
- Four main components: sharing, I/O, UI, ink

What have we accomplished so far?

- I/O, UI, and sharing components implemented
- Supports deck loading, deck distribution, shared navigation
- With deck submission and redistribution, we are at alpha

What is there left to do?

- Need to finish deck sharing and ink components, slide deck creation
- Problems tend to happen between XO builds
- Performance in large scale is a big unknown
- Evaluation plan ensures quality and completeness

Evaluation plan

- Usability testing
 - Manual execution of explicit instructions and compare to expected behavior
 - Tests for bugs, completeness, ease of use
- Performance testing
 - Log timestamps for specific functions: activity initialization, sharing, navigation, deck submission
 - Designed for testing large classroom setting
 - Compare times with other XO activities, UW Classroom Presenter, normal classroom activity

Evaluation plan

- Demo on May 20th at Arbor Heights Elementary School
 - Third grade class of 25 students – will demo with 8 XO laptops
 - Will provide live usability and performance test
- Questions?