IMPROVING GEOGRAPHICALLY DISTRIBUTED RESEARCH WITH REAL TIME COLLABORATION

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Problem

- remote research partners, scheduling
- outdated or no data, complex tools
- sketcher + screensharing
- whiteboard + webcam
- cumbersome reporting / data sharing
MARVIN LIVE
Use case 1 - industry

- Company A - consultants
- Company B - multiple east coast sites
- Company C - global enterprise
- knowledge silos
- duplicate effort
- travel budget
Use case 2 - academia

- University professor’s “office hours”
- tutoring, working on publications
Severity

• everybody
CRITICAL NEEDS?
Security

- authentication (LDAP, AD, SAML)
- separate projects/classes
- rooms, no scheduling
- private rooms!
Data access
Communication
• automatic capture (who, what, when)
• save important structures
  • for presentations
  • to desktop tools (SD file, SMILES)
• to ELN, compound registration
Technology

- reduce IT costs - web client
- easy customization - JavaScript plugins
- scalable deployment - tested on Amazon EC2
Conclusions

• focused meetings/sessions
• engaged participants
• no stress over reports
• shared records
• task assignment
• accessible audio/video conferencing remains to be solved
THANK YOU