eduMEET

Yor easy privacy friendly meeting solution

stefan.otto@sikt.no

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Sikt

GÉANT

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- Browser based scalable meeting solution
- Startet 2016 as a POC under a GEANT activity
  - To research webRTC technology and to find out if technology is ready
- Type adresses in browser and join your meeting
- Basic meeting tools included (chat, screensharing, filesharing, recording)
- Privacy friendly
- International developer team (Poland, Hungary, Croatia, Norway, Sweden, Italy)
- Community (research & education) oriented
- This year: Transition to an community driven project (like eduVPN or eduROAM)

Live-demo

https://edumeet.nordu.net

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eduMEET – features

- Scalability
- Customizable audio for musical interaction
- Moderation roles
- LTI LMS integration + moodle integration
- SAML, OpenID Connect authentication
- Recording
- Multiple video-sources per participant possible
- …

- Try it on https://edumeet.nordu.net/

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Roadmap

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Roadmap

- Production ready release of new platform (client + modularserver)
- Management web-interface for admins
- Breakout
- Improve UI to control very big meetings/webinars
- Virtual background
- GDPR and privacy friendly recordings
- Live transcription
- Serverside recording
- Well documented Rest API
- UI-improvements

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Long term roadmap

- p2p – media

- Full e2e encrypted media – for supporting browsers

- Support conference like use cases (move on a interactive map and find rooms and discussion tables)

- AI-assistant

- More integrations

Under the hood

- SFU: mediasoup
- Serverside node.js (containerized, modular and scalable)
  - Medianodes: SFU (mediasoup) + TURN (coTURN)
  - Management server + REST API interface
  - Roomserver (realtime controller of rooms)
  - Recorder
- Application
  - Single Page App
  - React + redux
- Github: https://github.com/edumeet

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Thank you!