# Integrated Lecture Management: Final Demo

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# What we had planned

## Milestone 2

Integration with Google Calendar and Google Maps.

# What we achieved

- Integration with Google Maps (only works if locations are entered in EVUB)
- Being frustrated with state of Google Calendar APIs for Android and EVUB

# Problems: Google APIs

There are two APIs from Google for accessing their services:
**google-api-java-client** and **gdata-java-client**.

**google-api-java-client**

- successor to **gdata-java-client**
- has no calendar API as of now
- has Android support

**gdata-java-client**

- has calendar support
- no Android integration (i.e. for authentication) and is not supported officially for Android
- is deprecated

# Problems: EVUB

- Non-standard Date/Time formats, i.e. DD.MM.YYYY $\Rightarrow$ parsing.....
- Time and date information are stored in seperate XML nodes, $< date\_start >, < time\_start >$
- Location information not always provided
- No distinction between single and recurring events

# This is it.

Questions?