SERVER REFACTOR

AIMS

- To lower the barrier to entry for developers.

- Should be based around a plug-in architecture to allow customisation and reduce need for major core changes.

- To improve the stability of core code (and allow better automated testing).

- To expose a *good* public API for internal and third-party use (links back to the plug-in point).

SERVER REFACTOR
DOCUMENT TIMELINE

Discussion of problem area (what we're trying to fix/improve):

- proposal.pdf (Feb 2018)

List of initial requirements (& where the boundaries for this piece of work are):

- mvp-definition.pdf (May 2018)

Explanation of prototype code & latest status update:

- prototype-breakdown.pdf (Jan 2019)

- module-loader-changes-01.20.pdf (Jan 2020)

SERVER REFACTOR
STATUS

- **Working group**: Me (Kineo), Tom Greenfield (Kineo), Dan Gray (DeltaNet), Nicola Willis (Can Studios)

- **Code**: https://github.com/adapt-security/adapt-authoring

- **Issues**: https://github.com/adapt-security/adapt-authoring/issues

- **Documentation**: http://code.tomtaylor.name/ls/esdoc/manual/index.html (needs updating to reflect latest changes)

SERVER REFACTOR
STATUS

- Express server

- Logger

- Configuration

- Database/Mongo

- Authentication

- Users

- Assets

- Filestorage/localfs

- Adapt/output

- Content:

  - Plugins (Component, Theme, Extension, Menu)

  - Content (Course, Config, Contentobject, Article, Block, Component)

Areas in need of work:

- Tag

- Mailer

- Clipboard

- Frontend application

Key: *Tom T*, *Can Studios (Nicola)*, *DeltaNet (Dan Gray)*, *Kineo (Tom G, Tom T)*

SERVER REFACTOR
HELP NEEDED

- **Tags**: adding metadata labels to content to allow filtering/ grouping etc.

- **Mailer**: email functionality (see <u>mailer.js</u>)

- **Clipboard/snippets**: temporary storage/recall of content

- **Packaging of frontend**: getting the front-end app to work with the restructured Node.js app/API

WORKING PROCESSES

- GitHub

  - adapt-security group

  - Issues

- Gitter (instant messaging)

  - adaptlearning

  - server-refactor

- Weekly stand-ups (Google Hangouts) on Mondays 2.30pm GMT (link posted on the day in **adaptlearning** room)