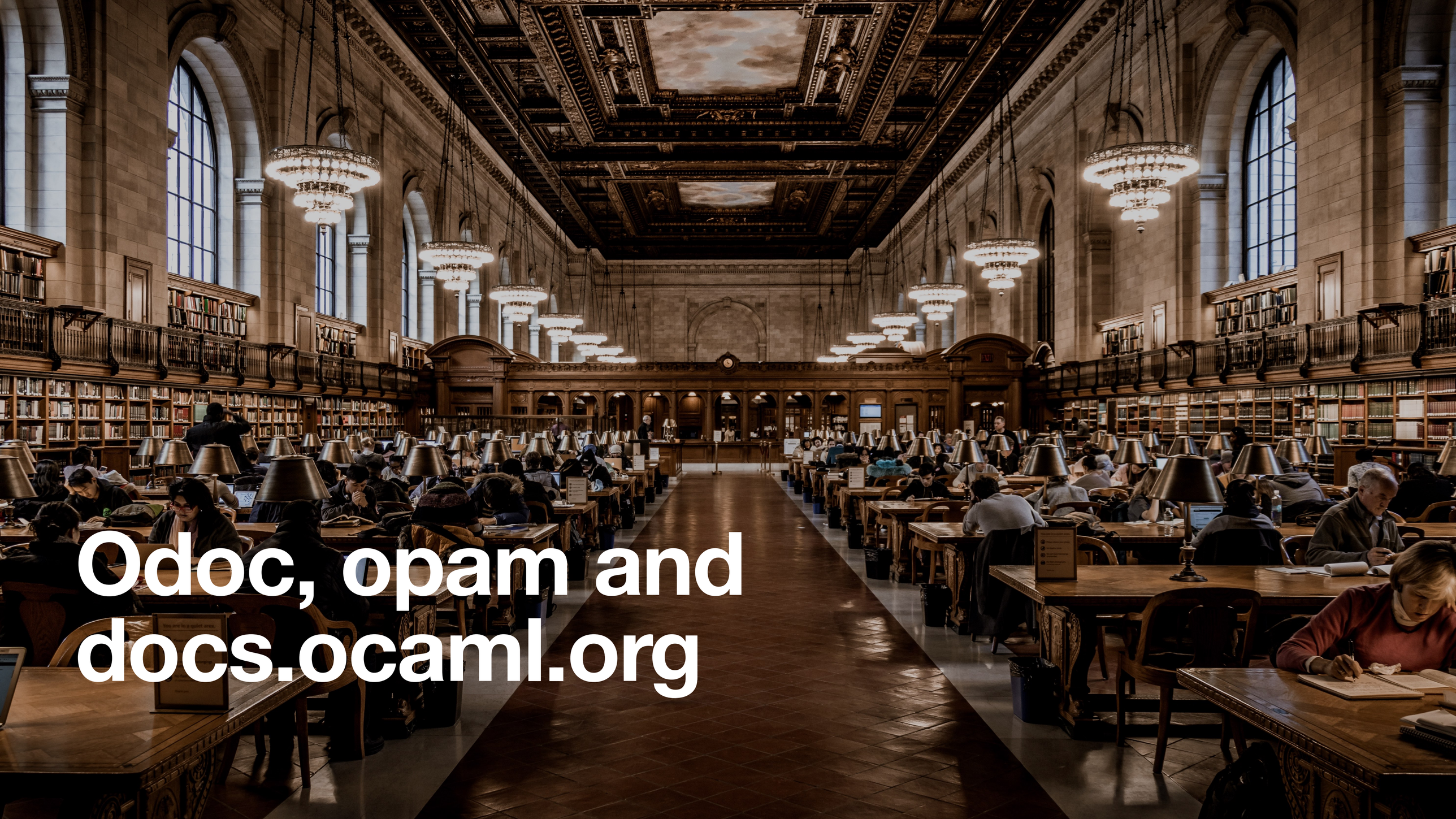
Odoc, opam and
docs.ocaml.org

Current status

What we've been doing

- Replacing foundations: Making odoc's model of OCaml's semantics correct
- Aiming to replace ocamldoc: Ensure we've got feature parity
- Increasing flexibility: Ensure we can process co-existing package universes

Current status

What we're planning to do (unconfirmed!)

- Release 2.0
- Get **docs.ocaml.org** up and running
- Start improvement of doc experience (e.g. doc trees, multi-page docs etc), including build tool integration.
  - Includes setting standards for installing docs in your opam switch
- Support for implementation analysis ('—keep-code', link to definition, counting type uses for search)
- Extended integration - how does odoc fit in with the wider OCaml documentation world? e.g. blog posts, tutorial, books, etc.

More community discussions like this!

docs.ocaml.org

What do we need to do?

- Prototype created with overlapping universes / multiple package versions
- Requires ‘prep’ phase:
  - Run over a built opam switch
  - Gathers cmti/cmt/cmi (in order of preference) and package metadata
  - Assembles them into directories organised by ‘dependency universe’ (transitive closure of package’s dependencies)
  - Can run many times on many switches, output can coexist

Prototype demo

https://www.cl.cam.ac.uk/~jjl25/docs.ocaml.org-test/html/packages/index.html

- Multiple versions of a package:
  - https://www.cl.cam.ac.uk/~jjl25/docs.ocaml.org-test/html/packages/conduit/index.html
- Links to Uri.t take you to a different universe:
  - https://www.cl.cam.ac.uk/~jjl25/docs.ocaml.org-test/html/packages/conduit/2_1_0/Resolver/Make/index.html (Uri.t)
- Forward links:
  - https://www.cl.cam.ac.uk/~jjl25/docs.ocaml.org-test/html/packages/conduit/2_1_0/Conduit/index.html