Topics

- Components
- Deployment with Ansible on EC2
- Styling / Branding
- Architecture
- Next steps
Components used for ALS

- Biocache - [http://records.als.scot](http://records.als.scot)
- Authentication - [http://auth.als.scot/cas/](http://auth.als.scot/cas/)
- Image service - [http://images.als.scot](http://images.als.scot)
- Lists tool - [http://lists.als.scot](http://lists.als.scot)
- BIE (new version) - [http://species.als.scot](http://species.als.scot)
- Sightings - [http://sightings.als.scot](http://sightings.als.scot)
- Layers services - [http://layers.als.scot/layer-services](http://layers.als.scot/layer-services)
- Regions - [http://regions.als.scot](http://regions.als.scot)
Authentication

- 2 components
- cas
  - Authentication
  - Single sign on
  - Google & Facebook
  - Support for Twitter, LinkedIn
  - Oauth
- userdetails
  - User management
  - Roles

Sign in to the Atlas

- Sign in with Facebook
- Sign in with Google
- david.martin@csiro.au
- .......

Forgot?

- Remember me

LOGIN

Don't have an account? Sign up now.
Image service

- http://images.als.scot
- Image repository for the site
- Support for large images
  - tiling
- Support for image metadata
- Sub-imaging
Species Lists

- [http://lists.als.scot](http://lists.als.scot)
- Profile information
- Sensitive species lists
Sciurus vulgaris Linnaeus, 1758
Red Squirrel

species Name authority: UK Species Inventory

BIE

- Species pages
- General search
  - Species
  - Datasets
  - Regions
  - Layers
- Autocomplete services
Sightings

- Ad-hoc occurrence upload
- Support for multiple images
- EXIF
Layer services

- 2 components
  - layer services (ALA)
  - geoserver
- Shape & Grid support
- Sampling
Regions

- Front end viewer for regions
- Species breakdowns
Deployment - EC2 with Ansible

- Listing of scripts used: https://github.com/nbnuk/als-install
Styling / Branding

- Eating your own dog food lesson learnt
  - if limited UI customisation required, use ALA versions of apps
- ala-bootstrap2 and ala-bootstrap3
- Headers and footers
Next steps

- Spatial portal setup
  - http://spatial.als.scot
- Up to 300 layers to be imported from agencies in UK
- Atlas of Living Wales proposal
- New tool focussed on ecosystems
- Better / regular data feed setup
Thanks

- John Sawyer, Rachel Stroud, Giselle Sterry, NBN UK