

[www.ala.org.au](http://www.ala.org.au)

# International ALA workshop

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ATLAS OF **LIVING**  
**AUSTRALIA**  
sharing biodiversity knowledge

The Atlas is funded by the Australian Government under the National Collaborative Research Infrastructure Strategy and the Education Investment Fund

- ALA started in 2008
- GBIF node for Australia
- 2009 = Development team of 2
- 2010 = Development team of 30
  - 30 million AUD 2010-2012
- 2016 = Development team of 10
- Currently focussing on:
  - Names and taxonomy for Australia
  - Profile editors
  - Citizen science tools
  - Redevelopment of spatial portal & services

# International collaboration

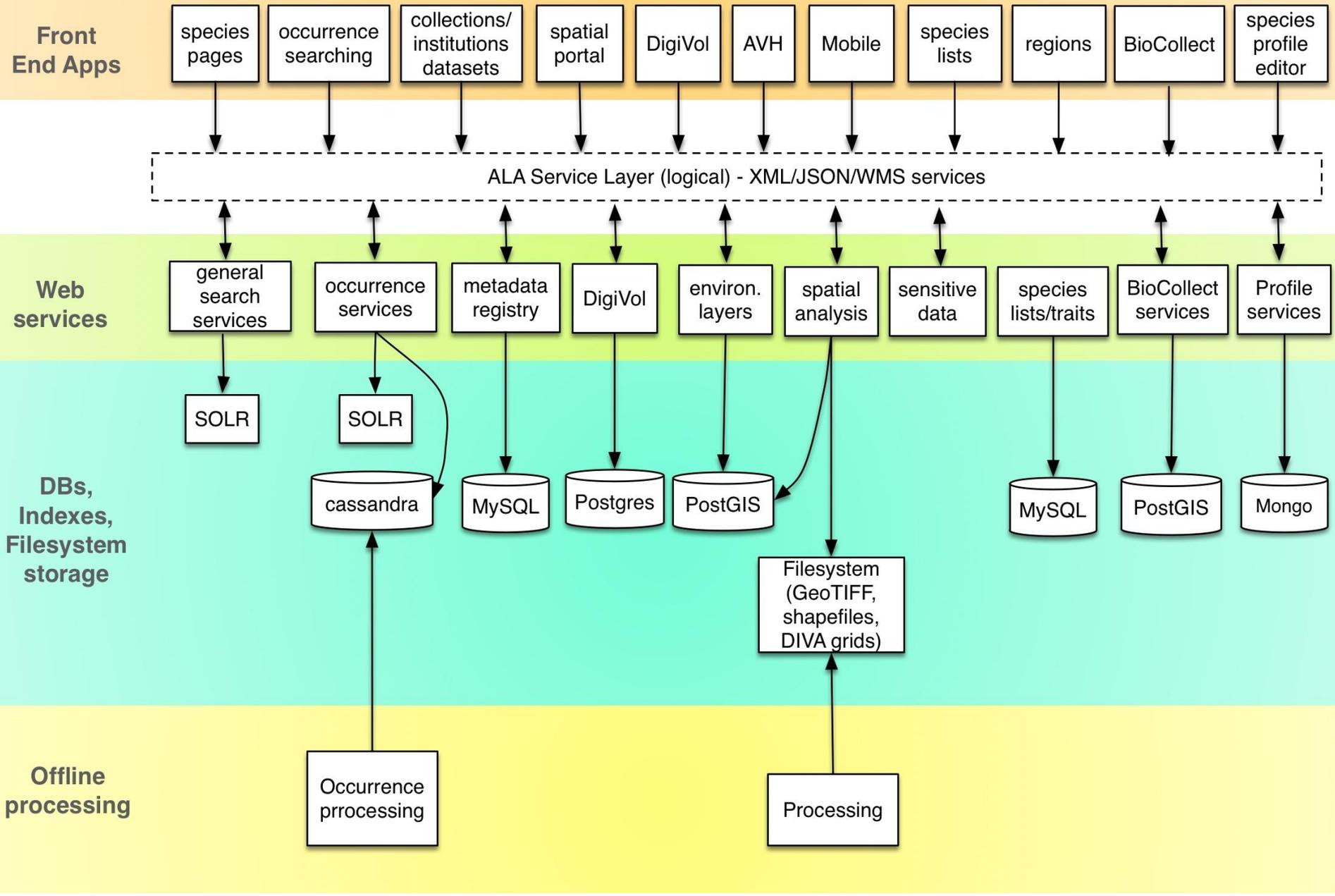
- Costa Rica workshop 2013
  - GBIF mentoring project
- Canberra workshop July 2014
- GBIF Paris workshop 2015
- CoopBioPlat, Madrid & Lisbon 2015
- Madrid October 2016

# ALA Demo and beyond

- ALA has lots of modules !
- ALA Demo playbook
  - Installs core components
    - Occurrence store (biocache)
    - Registry (collectory)
    - Name indexes
- Ansible scripts for all components
  - Spatial modules
  - Images
  - Species lists
  - Species pages
  - Citizen science components

# Production installations

- Spain
- France
- ICMBio Brazil
- Costa Rica
- UK (Scotland)
- ...and Australia of course !



# Grails

- MVC framework
- Groovy language
- Plugin architecture
- Good IDE support
- Rapid development
- sdkman is your friend !

- Installation scripts for ALA
  - Every ALA component has an Ansible script
  - Full installation
  - Used by ALA to deploy to production environments
- Wrapper for SSH commands
- Current ALA scripts are for Ubuntu 12,14
  - Updating to 16 on roadmap

- Playbooks
  - Scripts which install databases, webservers
- Inventories
  - Tells the scripts where to deploy
  - Deployment specific

# Vagrant

- Use vagrant to test Ansible scripts
- Not required for deployment

# RoadMap

- [See GitHub page](#)