



EPSCoR

Drupal Reporting

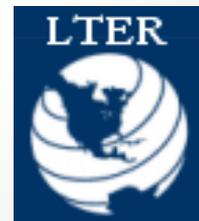
ER-core Update

EPSCoR PD/PA Meeting

May 20, 2014

ER-core Adoption

- NM, RI and UT have full on Track-1 implementations
- HI is using a prior customized version
- AK and NH are using it administratively
- SD is using it for their side of a new Track-2
- DE has abandoned the Drupal platform
- NV attempted implementation last Fall
- 2 LTER sites, 1 Homeland Security COE have adopted this for their reporting and project management



RHODE ISLAND NSF EPSCoR

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Feedback

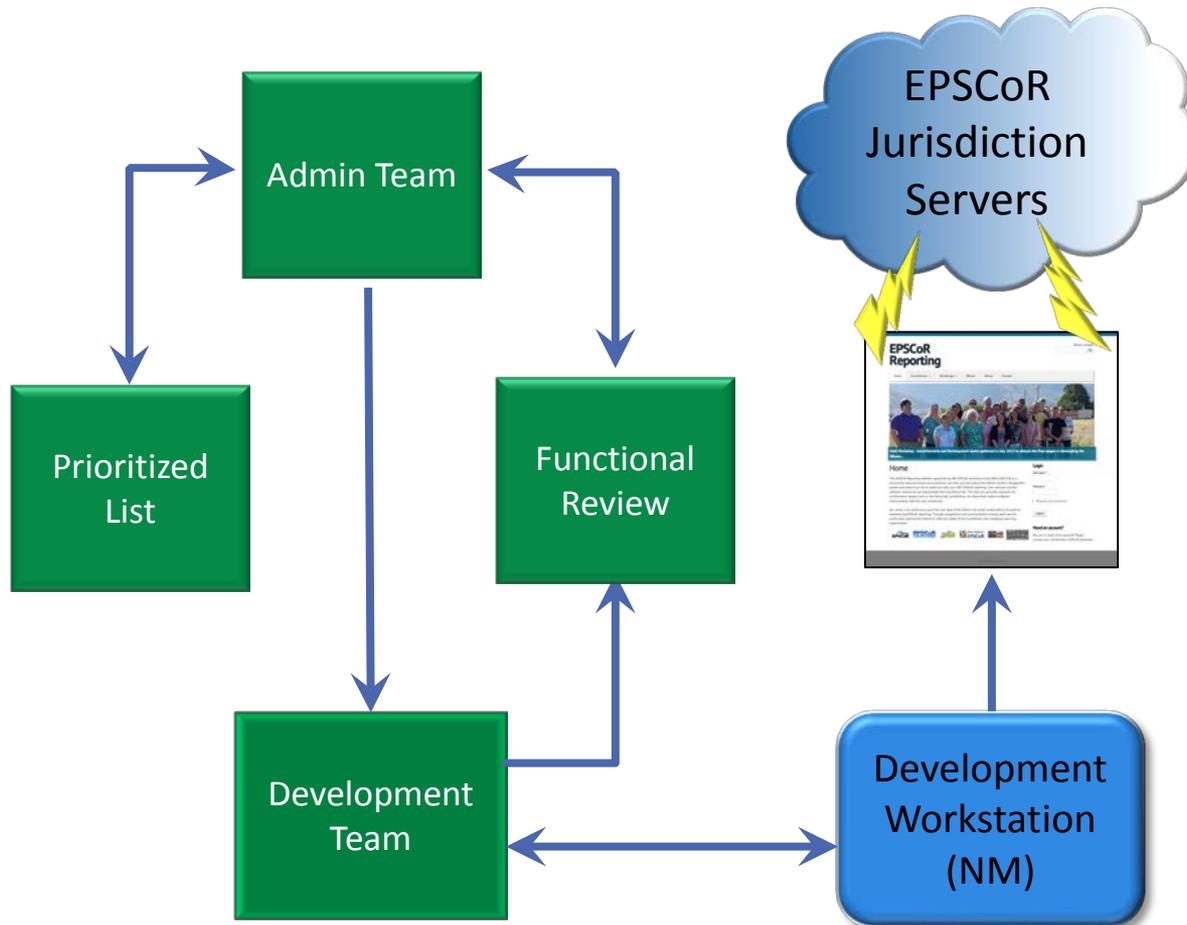
Technical

- Need IT support for successful installation
- Customization to meet Jurisdiction-specific needs
- There are some bugs
- Mid-stream core updates can be difficult

Administrative

- Standardize EPSCoR Data Definitions
- Participant buy-in is critical
- Data collection has been streamlined
- Reduce Cost and Effort for Individual Jurisdictions
- Is a useful management tool

Development Process



Challenges

- Growing network of users
 - Share common ER-core software
 - Each tied to their own installation
- Sharing bug fixes across all users
- What is ER-core vs. jurisdiction customization
- Improving documentation
 - Technical manual
 - User manual
 - Built-in help screens
- Responding to changes in reporting requirements

Open Source Software

- Maintenance depends on the input and effort of the user community
 - NM is hosting the development site and sandbox
 - AK is hosting the ER-Core website
 - HI has significant investment in the code development
- Jurisdictional input
 - Identification of bugs and fixes
 - Updates/edits to online help and software manuals
 - Share tools that may be useful to other jurisdictions

ER-core Life Cycle

- Current Version 2.01 (alpha)
 - Developers incorporate reported bug fixes
 - Add new tools at the direction of Admin
- Release updated version each year

- New awardees install latest version
 - Customize for their jurisdiction
 - Incorporate reported bug fixes
 - Develop new tools as needed
 - Use the current software for the life of the award
- Upgrade to newer version with new award

Challenge

What's needed to maintain software and assist users?

- Development site & ER-core website hosting
- 0.5 FTE Drupal Programmer
 - Correct/document bug fixes in ER-core sites
 - Update ER-core module
 - Consult on new installations
 - Maintain ER-core website
- 0.25 FTE Administrative Coordinator
 - Administrative interface to Drupal Programmer
 - Organize user conference calls/meetings
 - Monitor/maintain ER-core website
 - Other duties depending on sustainability model chosen
- Estimated Cost per year: ~\$75k*

*Assuming 40% IDC

Sustainability

- Subscription Model
 - Annual fee to users: cost/number of users
 - 5 Users @ ~\$15k each
 - 15 users @ ~5k each
- Professional Workshop Model
 - 2-day workshop for admin and developers
 - Best practices and tools
 - Drupal boot camp
- Other Alternatives?

Discussion

