

Guidelines for field-based application development

ArcPad

Arc
10th
GIS



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Interests...

- Experience in relevant technologies:
 - ArcPad field-based application development
 - Visual Basic programming language
- 4 Projects in 5 years for 3 different organisations



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Why Standardise Field-based applications?

- Use of universal locational information
- Common principles and practices
- Options to use emerging mobile technologies



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Stable field-based system

- ArcPad is widely-used application
 - Ability to handle a variety of field-based applications
- Solid programming environment (HTML)
 - Ability to embed with Visual Basic and Java Script
- Library support base and community



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Brief History of Time...

- Projects
 1. Standard Tree Evaluation Method (STEMs) – 2005 (redeveloped 2009)
 2. Weeds field capture – 2007
 3. Rook field capture – 2009
 4. Grazing licence areas – 2010 (in development)
- Public data sets
DOC, Councils, and University



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STEMs

- First version was created as a research project
- No experience in business processes and planning
- Redeveloped to incorporate what was learnt from other projects
- New options available



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Any Questions....

