



- Ellen Kraffmiller
- Barbara Sierman
- Steven Krauwer
- Rutger Kramer
- Amir Bernstein

Digital Preservation – Smart Migration

- Future representation of data is unknown (what kind of data formats we need)
- Intermediate formate is a good insurance against obsolescence
- Validation necessary for both schema and converter in the „smart migration“ process
 - Universal Numeric Finger Print (UNF)
 - A possibility: XCDL Suite (extract characteristics and compare)
- Lessens the work load (no need for „daily migration“)
- Less work load = accept more file formats
- Contact the original vendor for verification of the format / conversion

Digital Preservation – what to retain?

- Be clear of what MIXED does or does not preserve
- MIXED should define its user community
- Involve the user community in this decision
- Conflicting philosophy
 - Depending on the data kind, presentation is not an issue (database, spreadsheet)

Data Archives – where to use MIXED?

- Decision of the archive:
 - MIXED by user
 - MIXED in the ingest
 - MIXED in the administration (if data is already in the system)
- Use MIXED again for dissimulation

Data Archives – Trusted Digital Repository

- Yes, if MIXED is widely adopted
- Yes, if MIXED schemas are validated and documented, etc

Research Infrastructure – be up-to-date

- Contact the vendors and the user community (stakeholders)
- Get involved in other DP initiatives
- Join an existing network of DP
- Register your software (international registries) – e.g. Pronom / Planets registry
- Open a contest to identify best practices

Research Infrastructure - Governance

- Sustainability
- Invite stakeholders as an advisory board
- Associate your work with a state archive / library (budget for this activity)
- Join a DP organisation (Planets follow-up organisation)
 - Financial support / or “pm” when joining a project

ICT and Open Source – Foster an Open Oource MIXED Community

- Foster a community in general
 - Participation of archives, vendors
 - Central coordination to foster the community (like SUN for Java)
 - Interest users in the technology (source forge is not enough) > communicate and dessiminate results
 - Attract privat users (email convertors) >> good publicity, start a braod community; snow ball effect

Scenarios for MIXED

- Future goals for development / deployment:
 - Have the MIXED smart migration widely adopted and sustainable
 - Extend the scope of data type supported by MIXED

How to get there – goal I

- Have MIXED widely adopted and sustainable
 - Digital preservation
 - Pro-actively involve in the DP community
 - Disseminate the smart migration > demos (conference, workshops)
 - Case study (financial aspects, technical aspects)
 - Make the product visible
 - Underline product place in the archiving process (flexible implementation)
 - Data archiving
 - Have MIXED adopted by a national archive (set the example)
 - Encourage digital archives to get involve in the development and use of MIXED

How to get there II

- Research infrastructures
 - MIXED as sharing tool (enabling to share data across user communities and platforms)
 - A neutral file format (underline the fact)
 - Identify and engage in influential infrastructure projects
 - Research on what are the most needed file formats
 - Governance: join an international / european project on data access and preservation, share the results

How to get there III?

- ICT and open source
 - Participation of archives, vendors
 - Central coordination to foster the community (like SUN for Java)
 - Interest users in the technology (source forge is not enough) > communicate and disseminate results
 - Attract private users (email converters) >> good publicity, start a broad community; snow ball effect

How to get there – goal II?

- Extend the scope of formats supported by MIXED
 - Digital preservation
 - Gap analysis
 - Technology watch (reactive / proactive)
 - Data archives
 - Receive input on schema from the user community
 - Research infrastructure
 - cf. data archives

How to get there?

- ICT and open source
 - Technical input on format / schema requirements (wrap existing convertors / receive technical expertise from developers)

Things to do on Monday

- Have a cup of coffee
- Check your emails (information from Ellen on community building)
- WWW.planets-project.eu (look at the GAP analysis)
- Have another cup of coffee
- List your conpatators (call Amir)
- List relevant infrastructure communities that you can join

- Think global, act local !

Good Luck !!!