#DL2014 Digital Preservation Sustainability on the EU Policy Level
Sustainability

Research

• Software (proofs-of-concept/prototypes)
• White papers and publications
• Use cases and requirements
• Case studies

Development

• Software (tools/workflows/systems/apis)
• Educational resources
• Best practices
• Business cases
• Policy analysis

Sustainability

• Maintenance
• Integration
• Infrastructure

#DL2014 Digital Preservation Sustainability on the EU Policy Level
Sustainability

Research & Development

Memory Institutions

Service Providers

Research

• Software (proofs-of-concept/prototypes)
• White papers and publications
• Use cases and requirements
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Development

• Software (tools/workflows/systems/apis)
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Sustainability

Maintenance

Integration

Infrastructure

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Sustainability

• Quality
  – Ensuring that project outputs conform to standards-driven quality assurance

• Visibility
  – Providing integrated outreach to multiple audiences to maximise discoverability

• Training
  – Enabling skills development to further institutional adoption and capacity building

• Open licensing
  – Using open licenses to encourage the adoption and reuse of project outputs

• Community integration
  – Integrating project outputs into commercial and non-commercial products and services

(from SCAPE D22.2 Sustainability Plan, not yet published)
## OPF software stewardship

<table>
<thead>
<tr>
<th></th>
<th>OPF-Production</th>
<th>OPF-Labs</th>
<th>OPF-Attic</th>
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</thead>
<tbody>
<tr>
<td><strong>Community</strong></td>
<td>Active bug reports/fixes</td>
<td>Active bug reports/fixes</td>
<td>[no expectation]</td>
</tr>
<tr>
<td></td>
<td>Named maintainer</td>
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<td></td>
<td>Contribution guidelines</td>
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<tr>
<td><strong>Documentation</strong></td>
<td>Source code comments</td>
<td>Source code comments</td>
<td>Statement describing why the software has been</td>
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<tr>
<td></td>
<td>Technical documentation</td>
<td>Technical documentation</td>
<td>retired (by original developer or software</td>
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<tr>
<td></td>
<td>Installation manuals</td>
<td></td>
<td>curator)</td>
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<td></td>
<td>User documentation</td>
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<td></td>
<td>Microsite</td>
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<tr>
<td><strong>Code quality</strong></td>
<td>Test coverage 50% &gt; 80+%</td>
<td>Test coverage c.50%</td>
<td>[no expectation]</td>
</tr>
<tr>
<td></td>
<td>Continuous integration</td>
<td>Continuous integration</td>
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<tr>
<td></td>
<td>Publishing test results</td>
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<tr>
<td><strong>Deployment</strong></td>
<td>Build from source</td>
<td>Build from source</td>
<td>[no expectation]</td>
</tr>
<tr>
<td></td>
<td>Defined platforms</td>
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<tr>
<td></td>
<td>Automated packaging</td>
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<td></td>
<td>(e.g. DEB/RPM/EXE)</td>
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<tr>
<td><strong>Support</strong></td>
<td>Online demonstrator</td>
<td>[no expectation]</td>
<td>[no expectation]</td>
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<td></td>
<td>Virtual machine image</td>
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<td></td>
<td>Training materials</td>
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<tr>
<td><strong>Licensing</strong></td>
<td>Defined open source licence</td>
<td>Defined open source licence</td>
<td>Defined open source license</td>
</tr>
</tbody>
</table>

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#DL2014 Digital Preservation Sustainability on the EU Policy Level
Digital preservation landscape

based on H. Balk – Pennington de Jong (2013)
Centres of Competence and Virtual Centres of Excellence
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Sustainability

...is working out who pays (and, when)

- Collaboration (share effort)
- Consistency (of experience)
- Consolidation (make efficient)
- Lower barriers (discovery, deployment)

→ TRUST