EPrints Preservation 2010

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Abstract. Preservation, a core focal area for digital repositories, has become more important with the number of born digital materials increasing by the year. With platforms such as EPrints providing the technology behind the repository there is a strong movement for better integration between the dynamic desktop and the controlled environment provided by the repository. In turn there is a demand for the repository itself to be integrated more tightly with the web and web2.0 services without loss of local control. In this talk we look at EPrints 3.2, the start of a major push towards end-to-end integration in this manner. We look briefly at the outcomes of the Preserv2 project which have now been taken on by the new EPrints Preservation team. Finally we look forward with the p2-registry and KeepIt! projects each of which is looking at the future of digital preservation in EPrints and being able to provide a much richer and more accessible set of tools to the repository manager.

EPrints 3.2 is the first stage in a major push towards end-to-end integration of the desktop, the repository and web/cloud technologies. EPrints 3.2 offers Sword 2.0 support, Microsoft Office XML compatibility and ftp/webdav upload support. In this talk we shall outline the impact of these technologies including how you can now deposit directly into EPrints from the Microsoft Office 2007 suite.

Preserv2 developed many technologies now being combined into the core of EPrints. The EPrints Storage controller now allows a repository manager to control their hybrid storage environment consisting of both local, institutional and cloud storage solutions. The EPrints Classification and Risk Analysis plugin is also ready to download alongside EPrints 3.2 and allows the repository manager to obtain a file format classification for files in their EPrints system.

p2-registry is being developed as a new semantic registry to support preservation activities. This registry already contains over 40,000 items of information which are gathered from many linked data sources on the web. By loosly coupling this information we can build services to help with preservation planning, risk analysis and format migration both within and outside of EPrints.

KeepIt! Is a new JISC project to enable a diverse range of digital content presented by institutional repositories - research papers, science data, arts, teaching materials and theses - to be managed effectively today, tomorrow and beyond. KeepIt is looking at bridging the gap between the preservation community and people responsible for live repositories.

More info on EPrints 3.2 at http://wiki.eprints.org/
More info on EPrints Preservation, Preserv2 and KeepIt: http://preservation.eprints.org