

## **DEVELOPMENT OF OPEN ACCESS REPOSITORIES: ISSUES AND SOLUTIONS**

Nikos Housos, Despina Xardouveli, Panagiotis Stathopoulos,  
Kostas Stamatis, Ilias Stavrakis

National Documentation Center/National Hellenic Research  
Foundation

{nhoussos; dxardo; pstath; kstamatis; [stavrakis](mailto:stavrakis@ekt.gr)}@ekt.gr

The present paper refers to the development of two repositories with quite different characteristics: the interdisciplinary institutional repository of the National Hellenic Research Foundation (Helios) and the Pandektis repository containing content from the fields of Humanities and cultural heritage content. Facts regarding the material included in the repositories are provided and several aspects of the repositories implementation are selectively presented. Issues that receive particular attention are certain extensions to the DSpace software platform that have been implemented (name authority control, advanced search functions, object linking, etc) as well as the development and maintenance of the systems infrastructure required for repository operation.

**Keywords:** Repositories, open access, content, DSpace, name authority control, multilingual operation, search, Lucene, virtualisation.