DigiBESS is a repository of economic and social science books of Piedmont Area in Italy and is based on well- known open source software such as Fedora commons, Islandora, Solr, Drupal.

The Poster analyses the process of virtual datastream deployment to supply metadata on-the-fly.

DigiBESS exposes OAI-PMH interface for external metadata harvesting by open-source web service Oaiprovider. Metadata are disseminated in two formats: OAI\_DC and PICO. PICO are metadata requested by Cultura Italia, the **web portal promoted by** the Italian Ministry for Cultural Heritage and Activities.

The repository contains Dublin Core datastream which populates OAI\_DC metadata. PICO are generated on-the-fly, reusing existing Dublin Core to avoid adding a new datastream for PICO metadata for each object.

Virtual datastream is obtained by exploiting the potential of the repository, particularly the ability to define a common method to multiple objects by assigning it to their model. The method is defined by two objects: service definition describes the object and service deployment describes how the method is executed. The generation of the PICO metadata is done by processing the Dublin Core through an xsl transformation by the web service Saxon.