

REPOSITORY E FRONT-END OPEN-SOURCE PER LA CONSERVAZIONE DI OPERE DIGITALI*

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ABSTRACT: Ceris-CNR IT Office and Ceris-CNR Library are involved in a digitization project promoted by Bess (Electronic Library of Economic and Social Sciences in Piedmont Area) and commissioned to handle all the post-scan of the digitization.

This technical report analyzes the strategies adopted and the main open-source software used. Ceris-CNR had to provide for the management of large volumes of data with the availability of space storage for the digitized works with characteristics of stability, versatility and dynamism. Ceris-CNR has deployed the software and server platforms of the repository, in a virtualized and redundant infrastructure. Ceris-CNR also take care of the design, development and management of the web portal (front-end) for the presentation, research and consulting data of the digitalized items

KEY WORDS: storage, digital archive, islandora, fedora commons.

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