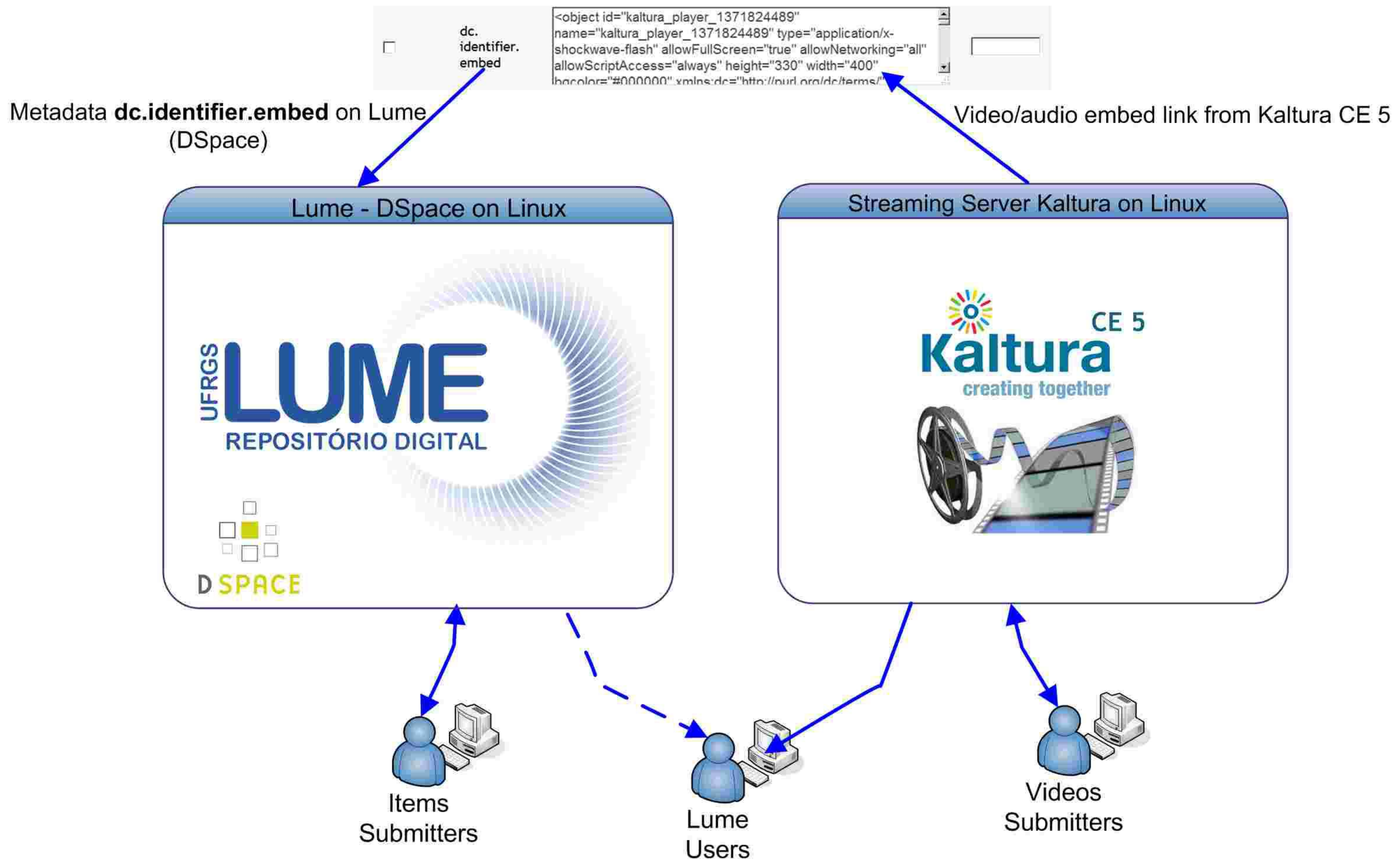# Embed Audio and Video from Kaltura Streaming Server into Lume

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Abstract

This poster shows the experiment of Federal University of Rio Grande do Sul (UFRGS - Universidade Federal do Rio Grande do Sul) to provide audio and video streaming embedded in digital repository Lume, which uses DSpace. The Kaltura Community Edition (CE) 5 streaming server was chosen because it's free and supports the upload of several video formats and converts the video allowing the end user to play the video in several formats too. Currently the Lume and Kaltura integration is made manually, but we intend to automate the video upload from Lume to Kaltura and also the availability of embedded link from Kaltura in Lume.

Metadata **dc.identifier.embed** on Lume (DSpace)

Video/audio embed link from Kaltura CE 5

Lume - DSpace on Linux

Streaming Server Kaltura on Linux

Items Submitters

Lume Users

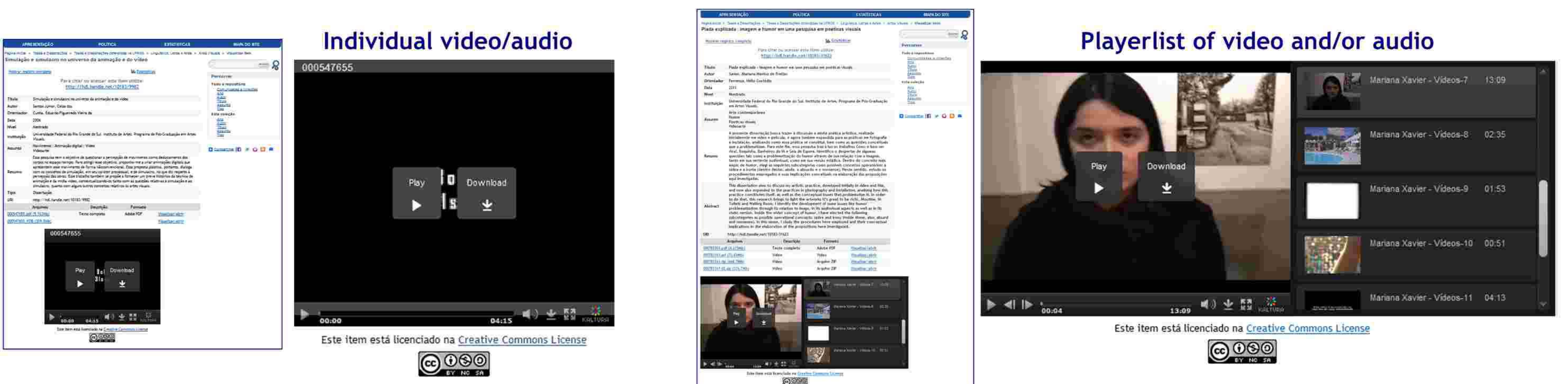Videos Submitters

Lume - Digital Repository of UFRGS

Lume is the Digital Repository of UFRGS and was implemented in 2008 using DSpace - Institutional Repository System. Its purpose is to preserve, disseminate, and increase the use and visibility of documents produced by the University that are preserved due their scope and/or historical characteristics. UFRGS is more than 100 years old and covers several fields of knowledge, with 90 undergraduate courses, 71 master programs, and 68 doctoral programs distributed on four centers in Rio Grande do Sul, Brazil.

Positive features of Kaltura CE 5

Open source, allowing for customization and integration with existing systems and databases; support for a wide range of audio and video formats; automatic conversion for a small set of universal formats, providing seamless delivery of content to the most popular browsers and platforms (including tablets and smartphones); automatic integration with web platforms through HTML embedded links.

Negative features of Kaltura CE 5

Disk space used for the several formats for which the videos are converted (this depends on the settings made on Kaltura).

Individual video/audio

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