THE RITA PROJECT, A DIGITAL REPOSITORY INITIATIVE DESIGNED AS AN ASSISTIVE TOOL FOR RESEARCH POLICY MAKING, USING ENHANCED VISUAL INFORMATION REPRESENTATION
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ABSTRACT
The Universidad Jorge Tadeo Lozano, has structured the digital repository, not only as a tool that increases the visibility of its own production, but one that can assist in the research policy making process, by visualizing different categories defined for the objects that the university is uploading in the system and grouping them using Zentity’s Pivot Viewer. The project involved defining metadata standards that could be used to generate on-the-fly reports that could easily be reconfigured in order to cater for two main types of users, academic and administrative, the decision was made so that Microsoft Zentity with its enhanced visual interfaces was the weapons of choice. The work was to validate the software to be used by other institutions. At this time the Universidad Jorge Tadeo Lozano introduces Microsoft Research, in partnership with universities in Bogotá, called RUMBIO (Bogotá Metropolitan University Network), the idea was to produce useful results at the 23 consortium members.

INTRODUCTION
El proyecto de la Facultad de Ciencias Naturales e Ingeniería, en razón a su proceso de producción de trabajos de grado en texto completo y de libre acceso, correspondiente al programa de Biología Marina y la colección de entomología del Centro de Biosistemas.
• Impulsar el registro, la preservación y la difusión de la producción académica de la universidad mediante un piloto con la Facultad de Ciencias Naturales e Ingeniería.
• Articular el trabajo del repositorio digital con otras iniciativas a nivel local, nacional y global.
• Aumentar el impacto de las publicaciones: revistas, resultados de las investigaciones, tesis, trabajos de grado y monografías, entre otros.

METHODOLOGY
Fig. 1 – Workflow of the process for the publication of an author’s production.
Fig. 2 – Different objects whose individuals form collections, chosen for the initial project.
Fig. 3 – The work carried out in order to establish the metadata for the researchers

RESULTS
Selection of categories allows to group the dissertations by acuity for example, so with a single click, the entire production of each faculty can be assessed in a particular year or a range of years.
The metadata for the researchers, has generated an internal debate among the academic community, that has led to the proposal of four key subject areas where the university has concentrated its research production.

DISCUSSION AND CONCLUSIONS
As a conclusion, it is rather important to say that the usage of digital repositories can be vastly widened by including an interface that enhances the visual representation of the information, as it is the case with Zentity and if the data model is defined to accommodate this different uses then the repository of an institution can become a tool that can help the academic community to understand itself better and therefore to be better if the correct policies and strategies are implemented. The work with Microsoft Research is an example of the correct articulation of private companies with academic communities whose synergy is of great benefit to everyone.

REFERENCES
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