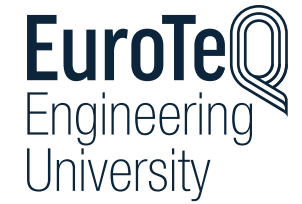




Challenge: Automatic data creation from written and audio sources II



Introduction

General description of the challenge of automating certain data collection recording using new application and programming.

Who is behind this initiative?

Ororo, a.s.
Ororo company has been focused since 2011 on developing cutting-edge. Information systems that are tailored to large service and service companies. The emphasis is on efficient management, process optimization and innovation in the water sector. Ororo specializes in linking operational data using Internet of Things (IoT) with the operation and status of equipment or infrastructure. The company believes that linking these data with other information and operational events is key to effective management and decision-making.

What is the challenge?

Automatic generation of bibliographic metadata from scanned book title pages as a replacement for manual cataloguing

Interested student teams are asked to engage in the above area by

- Developing an application or system that will be able to recognize and identify descriptive information on the title page of printed publications and compile a valid bibliographic record from it.
- Creating a capacity to differentiate title pages with different forms, i.e. different layout, typography, etc., so a possible solution is to use some kind of learning system.

Expectations and relevant considerations for the challenge / theme

A functional module that can be integrated into library systems where bibliographic records are currently created manually by librarians.

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