CELTIC-NEXT Proposers Day
23rd of September 2021, Online via WebEx

GAMIR (General Architecture for Multilingual Information Retrieval)

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“Eric Schmidt, the CEO of Google, the world's largest index of the Internet, estimated the size at roughly 5 million terabytes of data.”

-Information is not knowledge without information retrieval systems.

GAMIR, proposes a reference architecture for retrieving multilingual information to empower information based applications such as search engines and voice assistants.
Organisation Profile

• Turkcell Technology has been established in 2007 with the focus of R&D and innovation in Information and Communication Technologies.

• Today Turkcell Technology provides services and solutions to 100+ million customers in many countries.

• With 700+ researchers, Turkcell Technology is one of the largest R&D centers among ICT based companies in Turkey.

• Our R&D center is conducting research on emerging technologies and achievements are being commercialized by novel products, services and solutions.

• Turkcell Technology also participates in European collaborative research programs and holds board membership for ITEA and CELTIC clusters of Eureka program.
Proposal

Introduction

*AI and language specific NLP models will be used
At the end of the project, given the data; GAMIR framework will retrieve the most relevant information related to the query.

This framework can be used in;
  - Search engines
  - Voice Asistances
  - Knowledge bases
  - Document searches
  - Recommendation engines
  ...

The project is estimated to last for 28 months.
GAMIR project is based on; AI technologies, NLP, Big data, high performance document processing technologies.

We are looking for companies with technology expertise and use case providers.

Turkcell technology will be a use case provider and technology expert.
27th September  13.00 CET

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