

Proposal to launch a Support Centre for Remote Evaluation and Development of Language Technologies

The Problem

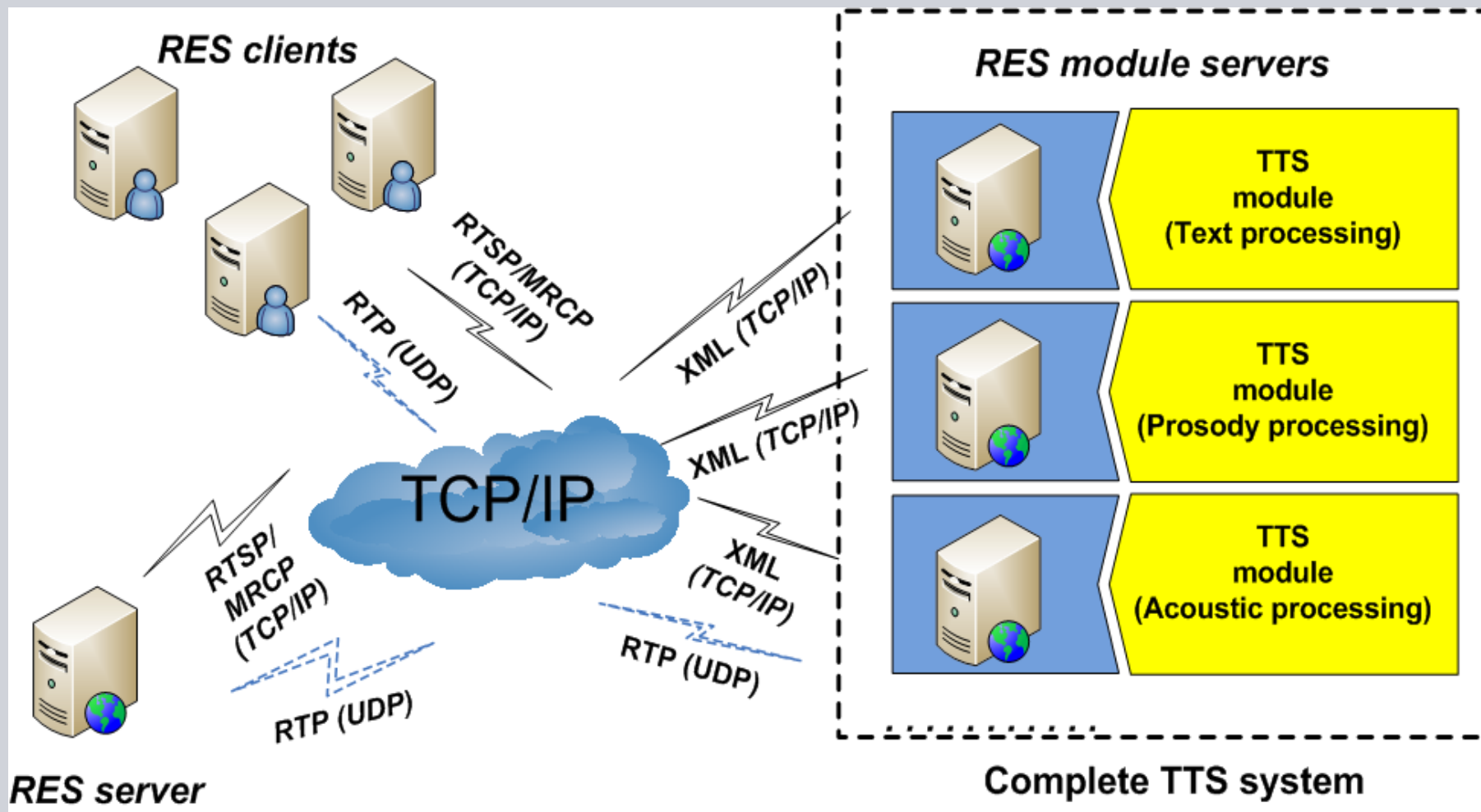
- **Most research groups in Europe are too small to build up large, high performance LT systems → research is performed only on components of such systems. Components are tested within low performance systems ‘at hand’ → progress of research can be hardly judged**
 - **Most evaluation campaigns (DARPA, NIST,) are performed on large LT systems, which have to be trained with large amount of data → only large research groups can participate successfully on evaluation campaigns**
- The potential of small research groups to contribute on progress in research is limited**

Basic Idea

- systems are split up in modules with well defined interfaces
- system modules – developed by (small) research groups - are connected to the web. Different groups focus research on different modules.
- evaluation criteria are set up for each module
- modules on web are evaluated remotely → quality of modules is known.
- groups test their modules within a high performance system build up by the modules of other groups

Remote Evaluation and Development

Remote Evaluation System Architecture of ECESS



Actions

Set up a Support Centre for Remote Evaluation and Development of Language Technologies which

- attracts research groups to use Remote Evaluation System
Architecture of ECESS
- supports research groups for providing/accessing needed LR
- support research groups to set up evaluation campaigns