

SYSTEM ARCHITECTURE OF A WEB SERVICE FOR CONTENT-BASED IMAGE RETRIEVAL



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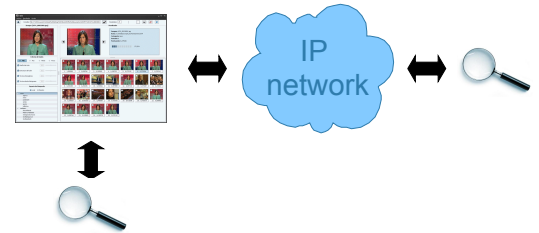


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Goal

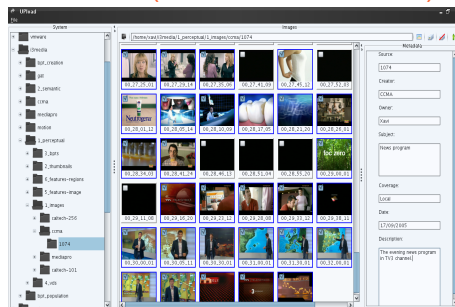
Extend a desktop application for image retrieval to a web service.

- REST architecture
- HTTP protocol and JSON messages
- Integration with industry partners

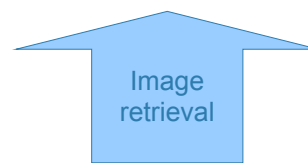
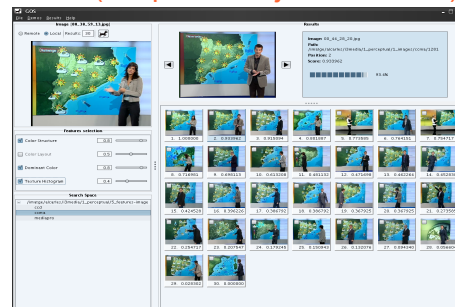


Client side

UPLoad (UPC content Loader)

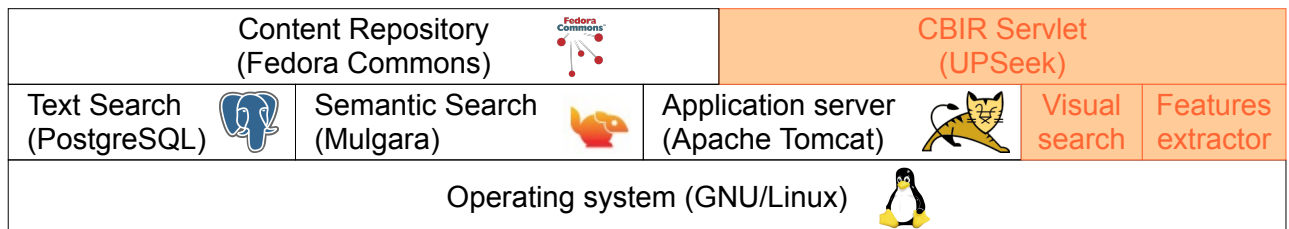


GOS (Graphical Object Searcher)



- Videos retrieved by text.
- Keyframes ranked by visual similarity.
- Fusion by ranking

Server side



Data models

