

Example

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The EXAMPLE project started as an experiment to bring XML into CONTEXT. When this was accomplished, a logical next step was to provide means to comfortably embed CONTEXT in workflows that deal with this kind of coding. This effort resulted in the EXAMPLE framework. This framework offers CONTEXT users the following benefits:

- remote access to a CONTEXT server by means of a couple of client–server applications; one can either send requests by HTTP or drop request in hot folders
- technology to hide the nasty parts of T_EX and related applications behind a user–interface, which itself is generated by CONTEXT
- an experimental editing environment for XML documents, either combined with, or not combined with T_EX, driven by roles (authors, editors, reviewers)

The EXAMPLE framework is used by PRAGMA ADE as well as its customers, for instance for the following tasks.

- interfacing to T_EX, GHOSTSCRIPT and other applications that are part of the typesetting workflow
- form based editing of letters and other small documents
- typesetting on demand, based on user requirements, from XML databases
- building and maintaining resource libraries (e.g. graphics)
- generating examns and drill–and–practice documents, based on user input

In this talk I will demonstrate the tools that are part of the EXAMPLE framework. I will also discuss the (XML based) scripting environment that drives the processes.