

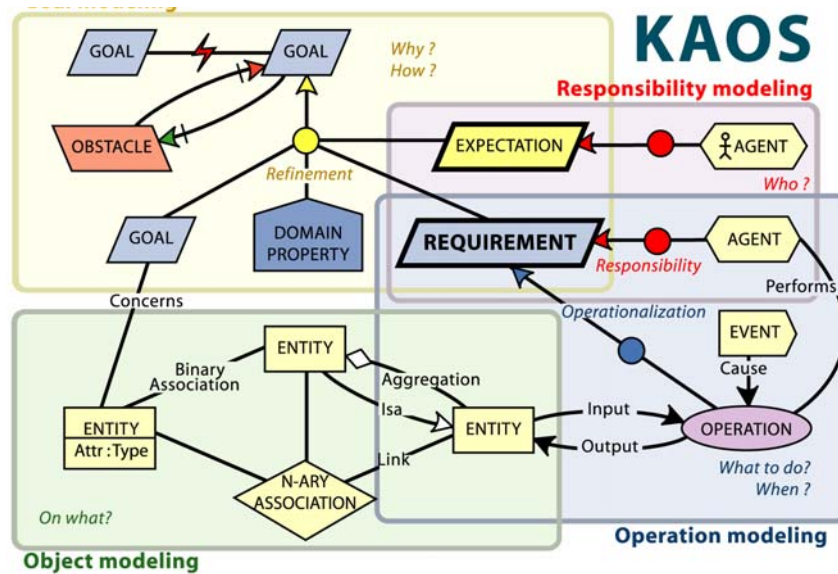
A Power Tool to Engineer Your Business and Technical Requirements

Many IT projects experience delivery delays and over-run costs because the requirements elicitation phase fails to capture the project requirements completely and unambiguously.

Software engineering tools available on the market focus on designing a **solution** rather than on describing the **problem** at hand. So called requirements engineering (RE) tools enable one only to *manage* the requirements after their definition.

But poor requirements, even if well managed, will still cause projects to fail.

Objectiver is a tool designed by RE practitioners for RE practitioners to support effective **requirements engineering**. The tool relies on **KAOS**, one of the most successful RE methodologies developed so far. KAOS models problems in a way similar to the one used by engineers to describe solutions, but with specific concepts and notations.



The four KAOS models

Objectiver enables analysts to build and transform diagrams to define :

- concepts like goals, requirements, agents, entities, events, operations, and so forth.
- relationships among concepts such as refinement, conflict, operationalisation, responsibility, capability, performance, specialisation, causes and so on.

The diagrams may be explained by means of text documents referring to the concepts present in the diagrams.

All this information can then be put together to generate requirements documents conforming to existing standards, such as the IEEE Software Requirements Specification (IEEE 830-1998).



Objectiver global vision

Dark-colored modules are currently available.
Light-colored modules are under development.

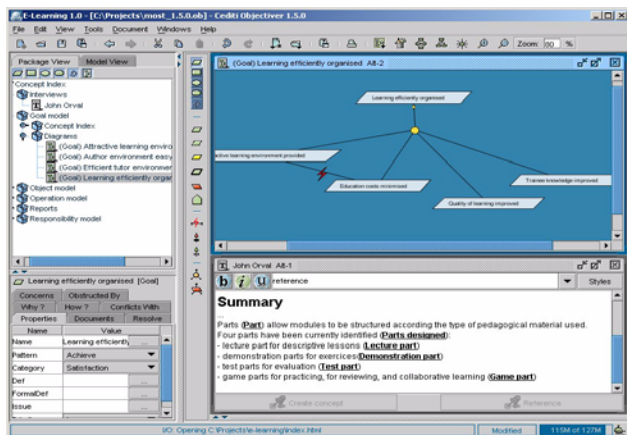
Why should I use Objectiver ?

- enables analysts to elicit and specify requirements in a **systematic** way
- produces structured, self-contained, motivated and easily understood **requirements documents** conforming to standards
- provides highly effective ways to **communicate** on project requirements and ensure their validation
- ensures **traceability** from requirements to goals and from high-level, coarse-grained behavioral specifications to specific requirements.

Objectiver Engineer Your Requirements with Objectiver

The goal of Respect-IT is to help you solve all of your Requirements Engineering problems :

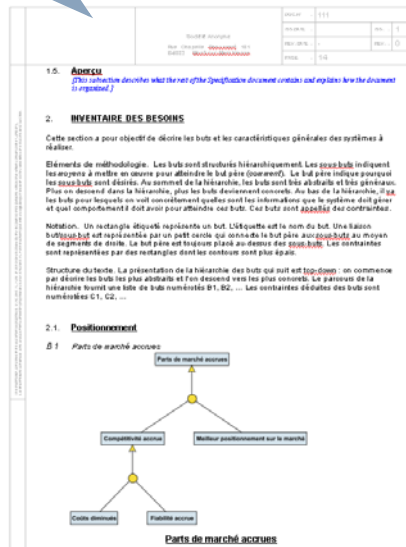
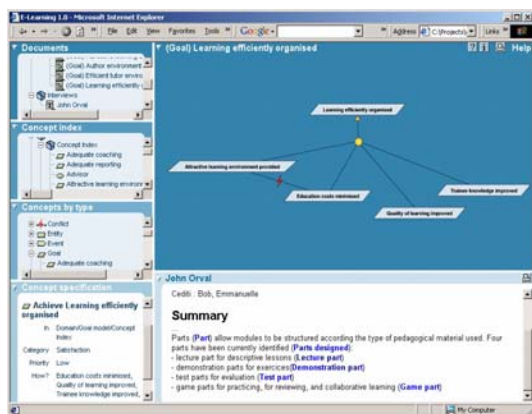
- Consulting services to produce requirements analyses, strategic analyses and IT plans on your behalf using Objectiver
- Objectiver sales, support, and technology transfer
- KAOS and Objectiver training



Acquire and model your requirements

Generate requirements documents (in PDF or MS-Word RTF format)

Publish your model as a stand-alone web representation



References

Experience acquired through numerous industrial projects performed by Respect-IT has shown how effective

Objectiver is at supporting project requirements and strategic analyses.



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