Visual DCT

Visual Database Configuration Tool

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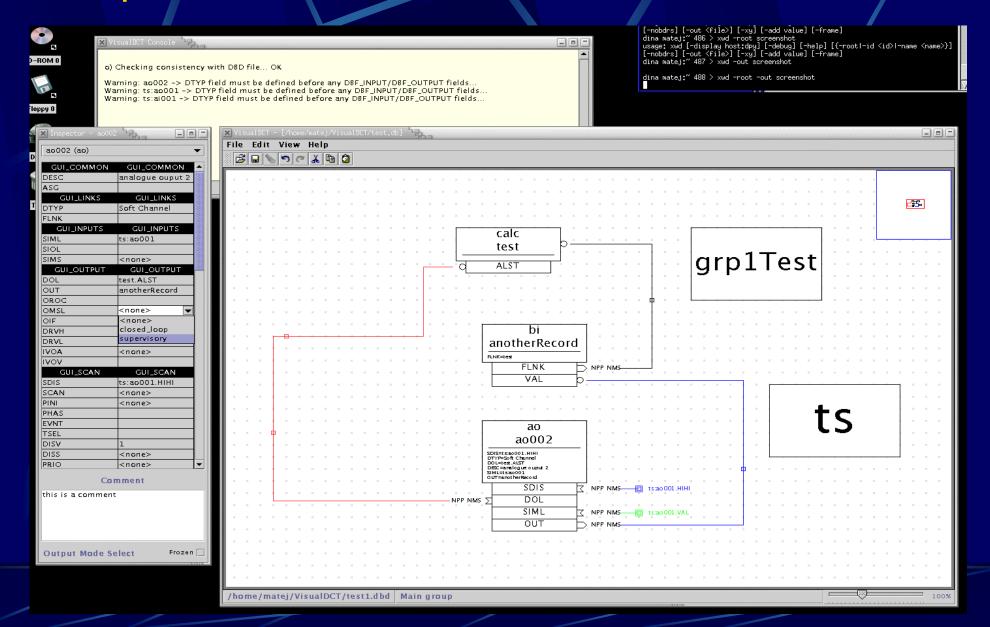
in cooperation with Paul Scherrer Institute, Switzerland

Once upon a time...

… present

Advantages of visual building

- "RDD" (Rapid Database Development)
- Easier to understand
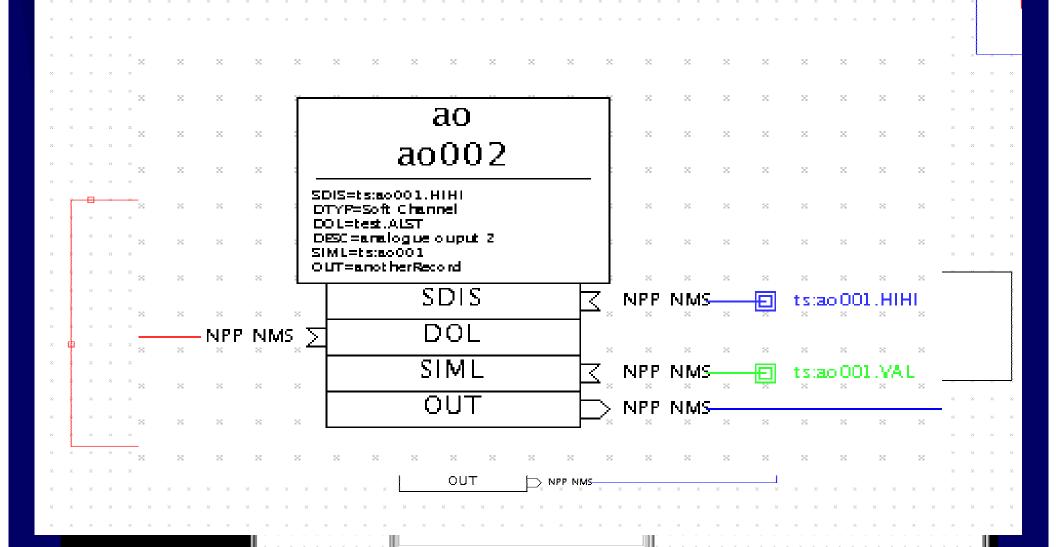- Easier to find errors, find better design
- Faster building
- ...

Visual DCT features

- System independency
  - Java Runtime Environment 2
- DCT GUI features
  - Clipboard, undo, object inspector, visual linking
- Supports hierarchical design
- Powerful DB parser
  - Existing DB support
  - Preserves DB comments, record/field order
  - DBs can edited in other tools or manually

GUI Overview

Visual DCT future plans

- XML support
- Add arbitrary text, lines, rectangles for documentation
- Handling more than one DB at the same time
- Wrapper to handle so-called startup scripts
- Debugging (with active connection to EPICS DB)
- Alternative hierarchy support (like in Capfast)
- CS Modeling Language support
- … and any user feature requests