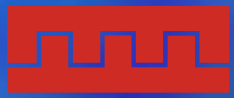


Status of Visual DCT

R. Sabjan on behalf of M. Sekoranja
J. Stefan Institute and Cosylab Ltd.
in collaboration with **SLS** and **APS**

cosylab 
CONTROL SYSTEM LABORATORY

EPICS Workshop,
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Status after ICALEPCS

- we are now "100% committed" to make a CapFast replacement
- VDCT is released under modified BSD license
- A lot of people are already testing it
- key changes (current build 1232):
 - (http://kgb.ijs.si/VisualDCT/release/changelog_generated.html):
 - remove all blockers, bugfixes, enhancements
 - allows plugins
 - for now simulators
 - JoiMint?
 - JCA-plugin directly into EPICS



A Lot of User Feedback

- EPICS community contact: John Maclean
- current possibilities
 - write to kgb.ijs.si/bug
 - select product VisualDCT
 - send feature requests to
 - **rt-CSL-VisualDCT@cosylab.com**
- new sourceforge-style project pages in preparation, including
 - support@VisualDCT.cosylab.com
 - bug@VisualDCT.cosylab.com
 - list@VisualDCT.cosylab.com
 - ...



Example of Problems

- Typically incorrect usage of VDCT by first-time users
 - user manual will be updated for FAQs
- unexpected types of DBs have to be considered
 - SLAC - they reserved "::", while VDCT uses ":" for hierarchy separator
 - results in "null" group
- naming convention: what is record and what is group?



Package A (funded by APS)

More or less bug fixes:

- 1) Make all fields available as link destinations
- 2) Always place connectors on top of symbols.
- 3) The "Up One Level" button doesn't work when vdct is first started.
- 4) Multiple zoom/un-zooms relocates the view rectangle location.
- 5) Symbols don't scale at the same proportion than the lines/spaces
- 6) Print Preview doesn't erase previous preview
- 7) Create Makefile for VDCT.

Go to JDK 1.4 – but are now really I/O performance problems?



Package B (funding open)

- New features in:
 - data entry (links,..)
 - option to select which fields are shown
 - "shortcut-stub" (global tags), "external link stub"
 - place comments and graphical objects
 - Scaling of Printing: resolution and paper size
 - Inspector
 - Configuration
 - Hierarchical capabilities
 - Navigation tools
 - Documentation



Package C (funding open)

- Provide a gdct conversion tool.
- Provide the ability to have multiple files/dbs open at one time.
- Define interactions with higher level tools/applications (Oracle).
- Use the dbStaticLib to access the files
 - dbStaticLib would need to be modified by APS staff to cope with comments.
- Provide a CapFast conversion tool

Interesting!



- Dr Chong Lee of “Phase 3” asked:
“are we interested in source code licenses for Capfast”?
- Price unknown at present.
- Depends on:
 - # OS's
 - How many sites want source code
 - How many want just binaries