RD51 Collaboration

24-11-2009

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Intro

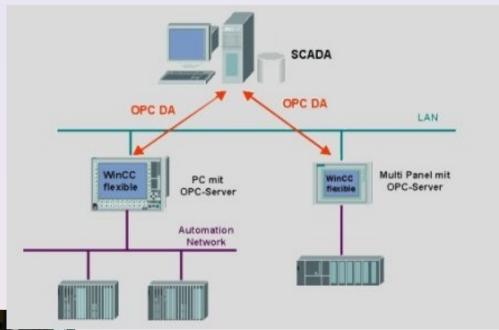
Main

Init

Config

Export

Prospects







Intro

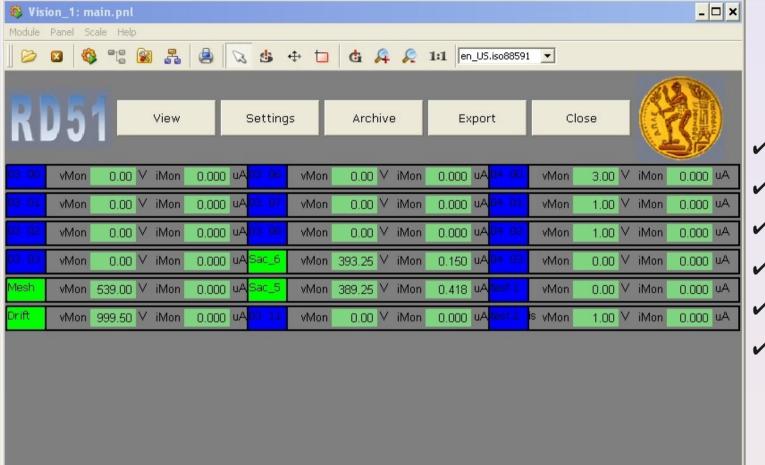
Main

Init

Config

Export

Prospects



Main Window

- ✓ Status of all
- ✓ vMon
- ✓ iMon
- Settings
- Initialization
- Export data



Intro

Main

Init

Config

Export

Prospects

Direct single plot with right-click on iMon or vMon.





Intro

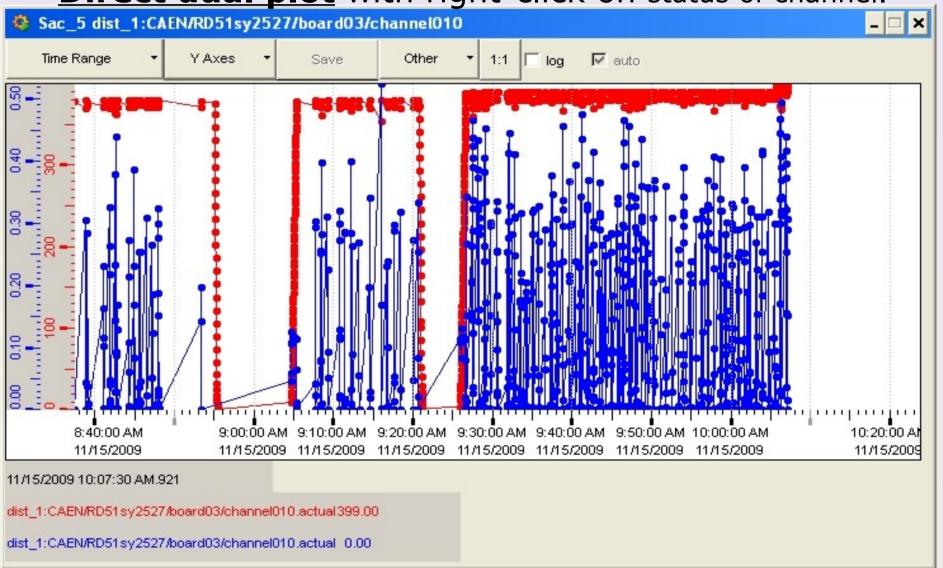
Main

Init

Config Export

Prospects

Direct dual plot with right-click on status of channel.





Intro

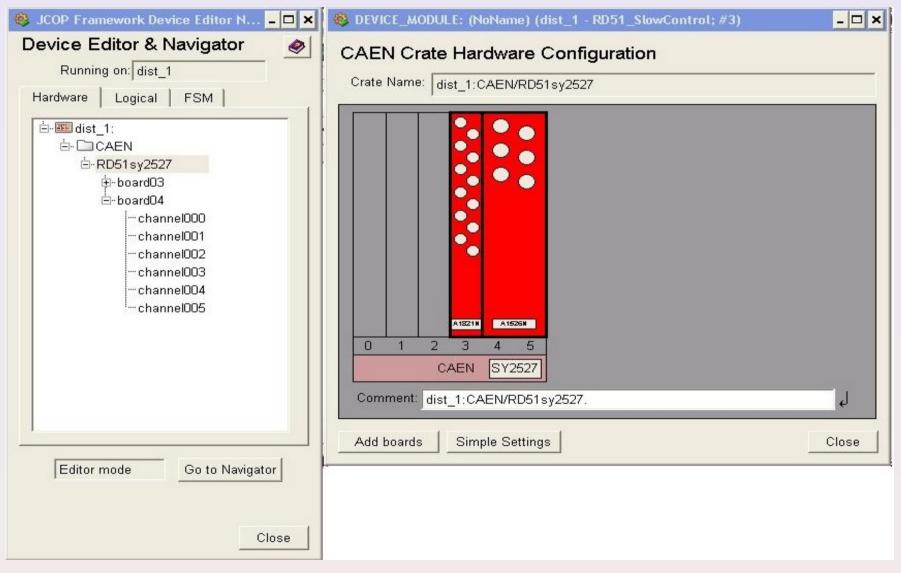
Main

Init • ° Config

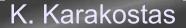
Export

Prospects

Device Editor & Navigator.







Intro

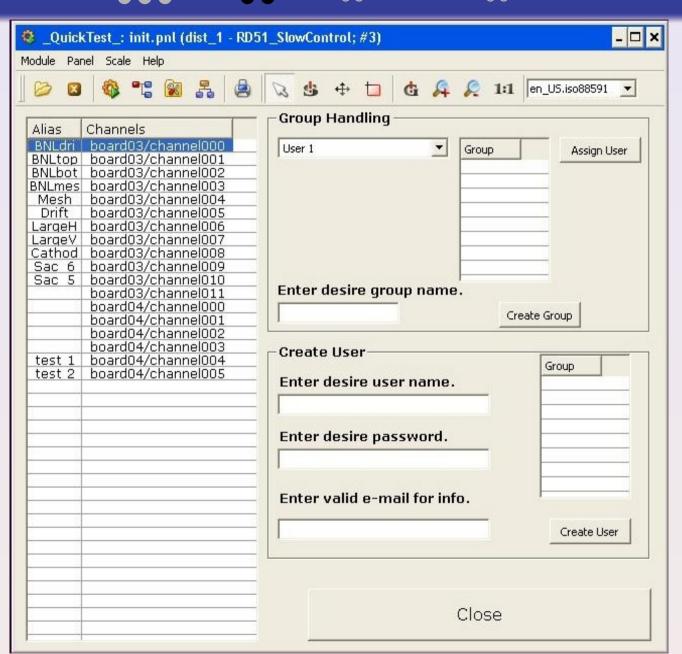
Main

Init

Config

Export

Prospects



Init Window

- Group creating & parameterizing.
- User creating.
- ✓ E-mail.



Intro

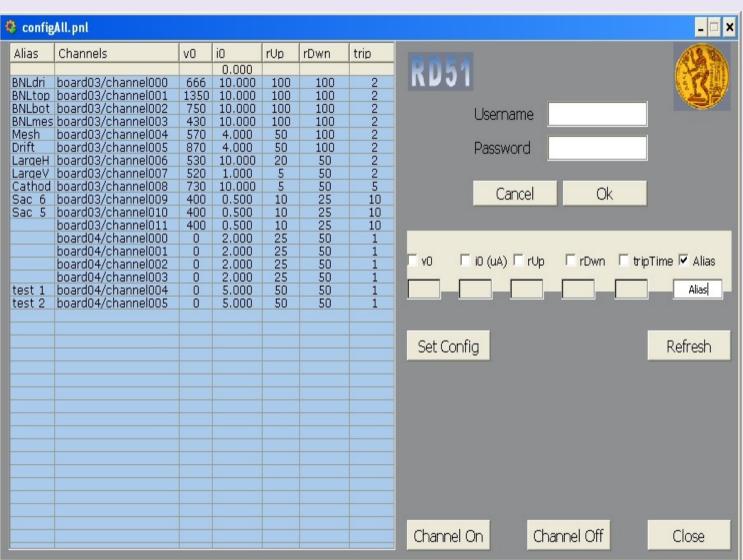
Main

Init

Config

Export

Prospects



Config Window

- Multiple selecting.
- User name password required.
- v0, i0, rUp, rDwn, trip time, alias.
- ✓ On/Off.



Intro M

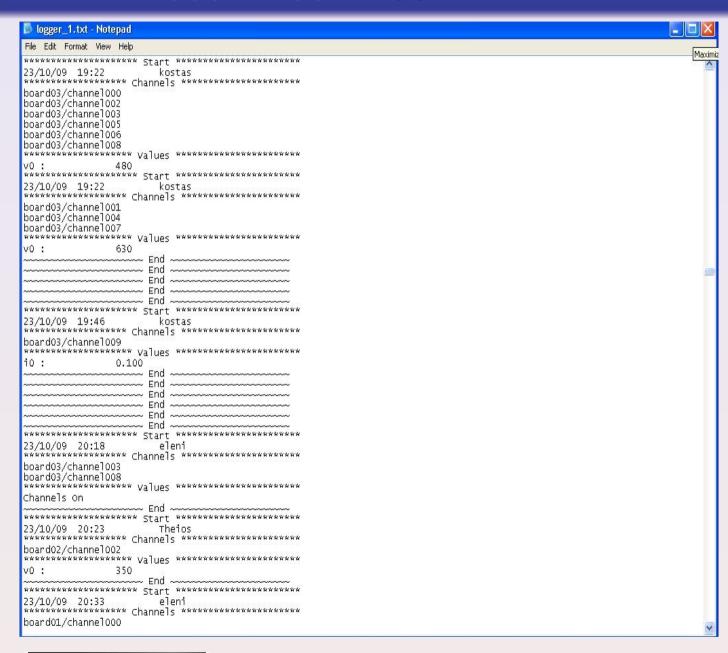
Main

Init

Config

Export

Prospects



Logbook

- ✓ User
- Date-time stamp
- Channel(s)
- Configuration.



Intro

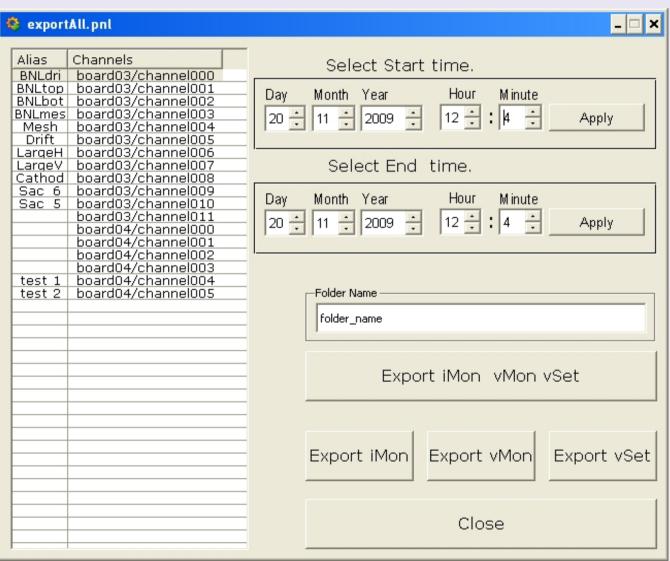
Main

Init

Config

Export

Prospects



Exporting Data

- Multiple channel selection.
- Start/End time stamps.
- Custom folder name (also structure is available)
- Export iMon, vMon, vSet or all together.



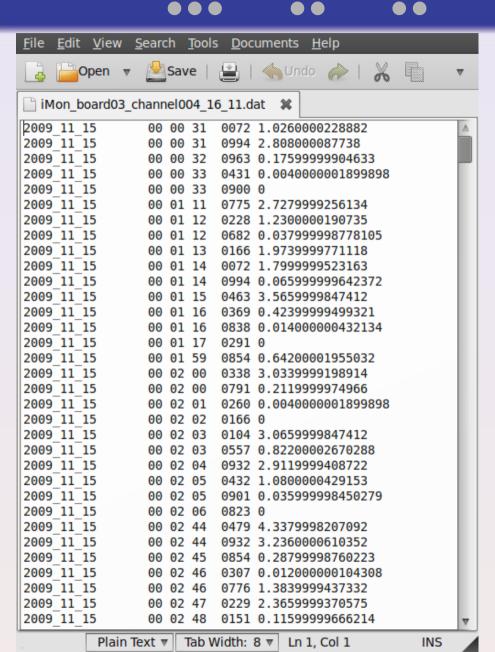
Intro Main

in Init

Config

Export

Prospects



Exported Data

- Date separated with "_".
- Time (with spaces) and milliseconds.
- Value.
- Information on the file name.



Intro

Main

Init

Config

Export

Prospects

- Recipes of configuration.
- Custom trip handling (after n-trips in given time the channel should be considered tripped).
- Sound alarm for different states of the channel.
- ✓ Future plans are also to expand this tool for slow control system (i.e. temperature, gas monitor and control etc).

Thanks to Ikarios Manos. for the help on the implementation of the program.

