
Subject: Re: LedLabel new package

Posted by [deep](#) on Wed, 19 Mar 2014 10:27:57 GMT

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Mirek,

Thanks for suggestions. I will make changes.

Koldo,

Internally I will prefer to have 2 separate images for on and off. So that Draw uses image depending on status. Images assigned during init only.

Calculating off state image from on state image is good suggestion.

I want to store the images and not calculate on the fly as it is displayed. Speed of display change should be as fast as possible. Would like to avoid calculations for display rendering.

Actually today I could compile Xenomai real time extension with UPP. Previously Real Time Process was 'c' only program running independently. Communicating with HMI through rtpipes. Real time thread runs every 1 millisecond. I tested the RT thread running every 250 micro sec. with UPP GUI running. Using EtherCAT protocol and hardware.

Display update (io status display change) will be done every 100 ms. Number of IOs will be large and may not fit one screen. Only selected IOs will be displayed.
