
Subject: Re: ide: main.conf

Posted by [Sender Ghost](#) on Mon, 09 Sep 2013 04:00:23 GMT

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Hello, Mirek and Jan.

mirek wrote on Mon, 26 August 2013 13:57 The purpose of this is to make possible a configuration of common packages (like Draw or CtrlCore) by adding other packages. For example, we can have package that provides custom font subsystem, this package would put "#define CUSTOM_FONTSYS" in its main.conf, which in turn would exclude generic font handling in Draw.

dolik.rce wrote on Sun, 08 September 2013 10:10 Wouldn't it be better to use existing "Add/Remove flags" functionality of Package manager for this? To use your example, the package that wants to include it own font handling could just have "flags CUSTOM_FONTSYS;" in .upp file and Draw package would then turn off the generic font handling based on #ifdef flagCUSTOM_FONTSYS.

I also think, that this is already possible with using current flags system.

The Draw package might accept CUSTOM_FONTSYS flag and check it with following source code:

```
#include "Draw.h"

#ifndef flagCUSTOM_FONTSYS
// Use generic implementation
Size Draw::GetPixelsPerInch() const
{
    return IsNative() ? GetNativeDpi() : Dots() ? Size(600, 600) : Size(96, 96);
}
// ...
#endif
```

The DrawCustom package might use Draw package with own implementation:

```
#include <Draw/Draw.h>

// Use custom implementation
Size Draw::GetPixelsPerInch() const
{
    return Size(96, 96);
}
// ...
```

Then main application (or some Rainbow package) could use DrawCustom package, when CUSTOM_FONTSYS enabled for main package configuration and its implementation will be active.

I created sample application which prints different Draw package description, when CUSTOM_FONTSYS flag enabled. The Draw and DrawCustom packages has its own implementation of this.

Overall, it depends from concrete implementation and external interface.

Edit: Added example with possible Rainbow configuration (for CustomRainbow nest), which doesn't require CUSTOM_FONTSYS for main package configuration, when using Rainbow package.

File Attachments

1) [CustomDraw.zip](#), downloaded 286 times
