
Subject: Re: Versioning support

Posted by [slashupp](#) on Wed, 07 Aug 2019 12:17:57 GMT

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I came up with the following macro that can do version-support.

It "key-jack"s F7 and it would also be nice if it can overload the toolbar-button.

for the macro to work it needs the following header to be part of the main package files:

Name: VersionRBT.h

```
#ifndef _VersionRBT_h_
#define _VersionRBT_h_

#define V_RELEASE 0
#define V_BUILD 0
#define V_TEST 0
#define N_2_S0(x) #x
#define N_2_S(x) N_2_S0(x)
#define V_VERSION "v " N_2_S(V_RELEASE) "." N_2_S(V_BUILD) "." N_2_S(V_TEST)

#endif
```

The #defines can be used wherever needed and the V_VERSION is just a convenient string representation.

The Versioning-macro updates the #define counts (and restore if the build fails) before the package is compiled

making the new version current for the compiled code.

Just use the VDefines where needed, they will always be current.

To test it, add the above header and import the macro ([Setup->Macro Manager.. then R-click the "Global macros"-tree and Import..])

```
#include <CtrlLib/CtrlLib.h>
using namespace Upp;
#include "VersionRBT.h"

GUI_APP_MAIN
{
    PromptOK("tester: " V_VERSION);
}
```

File Attachments

1) [Versioning.usc](#), downloaded 224 times
