
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 V_defines 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 309 times
