

Customizing the Banners in the ASCET generated C and H Code Files



Question:

How can I modify the generation of the banners in the generated C and H files from ASCET

The banners including all the comments consisting of meta data seem to have a fixed format. Actually these can be modified very easily.



Answer:

Customizing banner.template.c and banner.template.h

In the ASCET installation there exist separate *banner.template.c* and *_banner.template.h* in the `../ASCET6.x/target_` directory. Since there different banners can be generated into c and h files. ASCET uses Macros to include model information in the banners.

```
* File:.....$(FILE.NAME)$(FILE.EXTENSION)
* Description:....."$(FILE.DESCRPTION) "
* Creation Date:.....$(FILE.DATE)
* Creation Time:.....$(FILE.TIME)
*-----
* ASCET User:.....$(ASCET.USER)
* ASCET Version:.....$(ASCET.VERSION)
* ASCET-MD Version:.....$(ASCET.MD.VERSION)
* ASCET-RP Version:.....$(ASCET.RP.VERSION)
* ASCET-SE Version:.....$(ASCET.SE.VERSION)
*-----
```

These macros can be used to generate additional comments or even compilable code like including related header file. The banner.template files are disregarded in the *Generate Code* step. Please use *Build*, *View Generated Code* or *Export Generated Code*

Example:

The following entry in the *banner.template* file
`#include "$(COMPONENT.NAME)_specific_header.h"`

E.g. for a class "Hugo" the following include directive will be part of the banner as follows:
`#include "Hugo_specific_header.h"`



In case of further questions:

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