

## CCS3 Compiler Error 'Unrecognized cregister name 'IN' or 'OUT'

### Problem

When migrating from CCS2.x to CCS3.x, the compiler can give this error when recompiling older

Innovative Integration libraries. This error only applies to using C.C.S. 3.xx with Innovative

ToolSets released prior to CCS3.x release. Please read other app notes from Innovative on CCS3.x

under same section.

### Remedy

The file ii\_c6x.h was derived from TI's older library. These values are not longer used by the new TI library.

The error in the compiler

```
"..\..\..\Include\Target\ii_c6x.h", line 430: error: unrecognized cregister name 'IN'
```

```
"..\..\..\Include\Target\ii_c6x.h", line 431: error: unrecognized cregister name 'OUT'
```

can be easily corrected by commenting out these two lines in the header file Include\Target\ii\_c6x.h.

```
// extern cregister volatile unsigned int IN;
```

```
// extern cregister volatile unsigned int OUT;
```

These two cregister values are not used in TI's C.C.S. any more.

This will not effect any rebuild unless you have used these values in your own code.

If you have used these then you need to declare them in your own code for your app.