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Introduction

The Q_OBJECT macro at the beginning of the class definition is necessary for all classes that define signals, slots or uses a service provided by the meta-object system.

The QObject class is the base class for the object that uses the meta-object system (like signals and slots). Q_OBJECT enables the meta-object feature and it must be written without ';' at the end of line.

Forgetting Q_OBJECT is a common error among beginners. The class will not compile, and the compiler shows some errors about some methods missing in the table.

Preconditions

- Download and Install latest version [Qt for Symbian - Installation packages](#) which has links on how to install the latest version.
- The header file must included in the headers section of the .pro file otherwise linker errors will be result.

Code Snippet

```
#include <QObject>
class Counter: public QObject
{
    Q_OBJECT
    //some code here
};
```