

## #ifdef-#endif

```
#ifdef symbol
  <TRUE part>
[#else
  <FALSE part>]
#endif
```

A #ifdef-#endif conditional compilation statement evaluates *symbol*. When *symbol* is defined the code in *TRUE part* is compiled, or if undefined then the optional *FALSE part* is compiled.

### Details

Conditional compiler directives must be either entirely outside or inside function definitions; they cannot straddle a function fragment. Conditionals cannot be used within Macros.

*symbol* must be defined before the conditional with #define.

### See Also

The **#define** statement and **Conditional Compilation** on page IV-108 for more usage details.

## #ifndef-#endif

```
#ifndef symbol
  <TRUE part>
[#else
  <FALSE part>]
#endif
```

An #ifndef-#endif conditional compilation statement evaluates *symbol*. When *symbol* is undefined the code in *TRUE part* is compiled, or if defined then the optional *FALSE part* is compiled.

### Details

Conditional compiler directives must be either entirely outside or inside function definitions; they cannot straddle a function fragment. Conditionals cannot be used within Macros.

*symbol* must be defined before the conditional with #define.

### See Also

The **#define** statement and **Conditional Compilation** on page IV-108 for more usage details.

## #include

```
#include "file spec" or <file spec>
```

A #include statement in a procedure file automatically opens another procedure file. You should use #include in any procedure file that you write if it requires that another procedure file be open. A #include statement must always appear flush against the left margin in a procedure window.

### Parameters

The ".ipf" extension must be omitted from both "file spec" and <file spec>.

The <file spec> syntax is used to include a WaveMetrics procedure file in "Igor Pro Folder/WaveMetrics Procedures". *file spec* is the name of the procedure file without the extension.

The "file spec" syntax is used to include a user procedure file typically in "Igor Pro User Files/User Procedures". If *file spec* is the name of or a partial path to the file, Igor interprets it as relative to the "User Procedures" folder. If *file spec* is a full path then it specifies the exact path to the file without the extension.

### See Also

The **Include Statement** on page IV-166 for usage details.

**Igor Pro User Files** on page II-31.

## #pragma

```
#pragma pragmaName = value
```

#pragma introduces a compiler directive, which is a message to the Igor procedure compiler. A #pragma statement must always appear flush against the left margin in a procedure window.