

ost::CommandOptionWithArg(3)

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NAME

ost::CommandOptionWithArg –

Derived class of **CommandOption** for options that have a value associated with them.**SYNOPSIS**

#include <cmdoptns.h>

Inherits **ost::CommandOption**.Inherited by **ost::CommandOptionArg**, **ost::CommandOptionCollect**, and
ost::CommandOptionRest.**Public Member Functions**

```
CommandOptionWithArg (const char *inOptionName, const char *inOptionLetter, const char
    *inDescription, OptionType inOptionType, bool inRequired=false, CommandOption
    **ppNext=&defaultCommandOptionList)
CommandOptionWithArg contructor.
virtual ~CommandOptionWithArg ()
virtual void foundOption (CommandOptionParse *cop, const char *value=0)
virtual void foundOption (CommandOptionParse *cop, const char **value, int num)
virtual bool hasValue ()
```

Public Attributesconst char ** **values***Array of list of values collected for this option.*int **numValue***Number of values in the values array.***Detailed Description**Derived class of **CommandOption** for options that have a value associated with them.Classes **CommandOptionRest** and **CommandOptionArg** derive from this class.**Constructor & Destructor Documentation**

```
ost::CommandOptionWithArg::CommandOptionWithArg (const char * inOptionName, const char *
    inOptionLetter, const char * inDescription, OptionType inOptionType, bool inRequired =
    false, CommandOption ** ppNext = &defaultCommandOptionList)
CommandOptionWithArg contructor. Note the default values for required and ppNext.
```

Parameters:

inOptionName long option name
inOptionLetter short letter name
inDescription short description of the option
inOptionType the type of this option
inRequired true if option is required
ppNext the linked list header

virtual ost::CommandOptionWithArg::~CommandOptionWithArg () [virtual]

Member Function Documentation

```
virtual void ost::CommandOptionWithArg::foundOption (CommandOptionParse * cop, const char
    ** value, int num) [virtual]
Reimplemented from ost::CommandOption.
```

```
virtual void ost::CommandOptionWithArg::foundOption (CommandOptionParse * cop, const char *
    value = 0) [virtual]
Reimplemented from ost::CommandOption.
```

```
virtual bool ost::CommandOptionWithArg::hasValue () [virtual]
Reimplemented from ost::CommandOption.
```

Member Data Documentationint **ost::CommandOptionWithArg::numValue***Number of values in the values array.***Examples:**

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cmdlineopt.cpp.

const char ost::CommandOptionWithArg::values**

Array of list of values collected for this option.

Examples:

cmdlineopt.cpp.

Author

Generated automatically by Doxygen for GNU CommonC++ from the source code.

