

ost::MIMEMultipart(3)

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**NAME**

ost::MIMEMultipart –

A container class for multi-part MIME document objects which can be streamed to a std::ostream destination.

**SYNOPSIS**

```
#include <mime.h>
```

Inherited by **ost::MIMEMultipartForm**.

**Public Member Functions**

**MIMEMultipart** (const char \*document)

*Construct a multi-part document, and describe it's type.*

virtual void **head** (std::ostream \*output)

*Stream the headers of the multi-part document.*

virtual void **body** (std::ostream \*output)

*Stream the 'body' of the multi-part document.*

char \*\* **getHeaders** (void)

*Get a string array of the headers to use.*

**Protected Member Functions**

virtual ~**MIMEMultipart** ()

**Protected Attributes**

char **boundry** [8]

char **mtype** [80]

char \* **header** [16]

**MIMEItemPart** \* **first**

**MIMEItemPart** \* **last**

**Friends**

class **MIMEItemPart**

**Detailed Description**

A container class for multi-part MIME document objects which can be streamed to a std::ostream destination.

**Author:**

David Sugar <dyfet AT ostel DOT com> container for streamable multi-part MIME documents.

**Constructor & Destructor Documentation**

**virtual ost::MIMEMultipart::~MIMEMultipart** () [protected, virtual]

**ost::MIMEMultipart::MIMEMultipart** (const char \* document)

Construct a multi-part document, and describe it's type. **Parameters:**

*document* (content) type.

**Member Function Documentation**

**virtual void ost::MIMEMultipart::body** (std::ostream \* output) [virtual]

Stream the 'body' of the multi-part document. This involves streaming the headers and body of each document part.

**Parameters:**

*output* to stream document body into.

**char\*\* ost::MIMEMultipart::getHeaders** (void) [inline]

Get a string array of the headers to use. This is used to assist **URLStream::post**.

**Returns:**

array of headers.

**virtual void ost::MIMEMultipart::head** (std::ostream \* output) [virtual]

Stream the headers of the multi-part document. The headers of individual entities are streamed as part of the body.

**Parameters:**

*output* to stream document header into.



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**Friends And Related Function Documentation**`friend class MIMEItemPart [friend]`**Member Data Documentation**`char ost::MIMEMultipart::boundary[8] [protected]``MIMEItemPart* ost::MIMEMultipart::first [protected]``char* ost::MIMEMultipart::header[16] [protected]``MIMEItemPart * ost::MIMEMultipart::last [protected]``char ost::MIMEMultipart::mtype[80] [protected]`**Author**

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