# MessageChannelMain

`MessageChannelMain` is the main-process-side equivalent of the DOM `MessageChannel` object. Its singular function is to create a pair of connected `MessagePortMain` objects.

See the Channel Messaging API documentation for more information on using channel messaging.

## Class: MessageChannelMain

> *Channel interface for channel messaging in the main process.*

Process: Main

Example:

```
// Main process
const { MessageChannelMain } = require('electron')
const { port1, port2 } = new MessageChannelMain()
w.webContents.postMessage('port', null, [port2])
port1.postMessage({ some: 'message' })

// Renderer process
const { ipcRenderer } = require('electron')
ipcRenderer.on('port', (e) => {
  // e.ports is a list of ports sent along with this message
  e.ports[0].on('message', (messageEvent) => {
    console.log(messageEvent.data)
  })
})
```

### Instance Properties

#### `channel.port1`

A `MessagePortMain` property.

#### `channel.port2`

A `MessagePortMain` property.