

Testdocumentation

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Chapter 1

File Index

1.1 File List

Here is a list of all files with brief descriptions:

src/ main.c	3
src/ startup_gcc.c	4

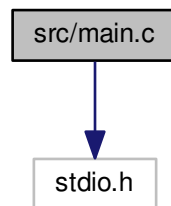
Chapter 2

File Documentation

2.1 src/main.c File Reference

```
#include <stdio.h>
```

Include dependency graph for main.c:



Functions

- int [main](#) (void)

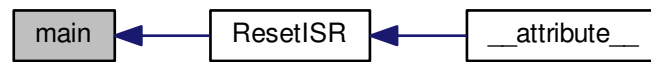
2.1.1 Function Documentation

2.1.1.1 int main (void)

Definition at line 28 of file main.c.

Referenced by ResetISR().

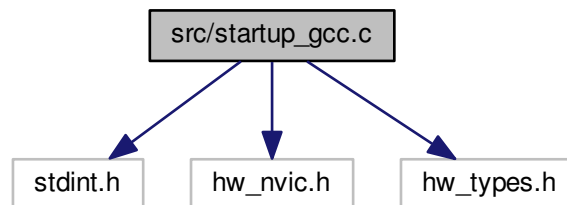
Here is the caller graph for this function:



2.2 src/startup_gcc.c File Reference

```
#include <stdint.h>
#include "hw_nvic.h"
#include "hw_types.h"
```

Include dependency graph for startup_gcc.c:



Functions

- void [ResetISR](#) (void)
- void [_c_int00](#) (void)
- void [vPortSVCHandler](#) (void)
- void [xPortPendSVHandler](#) (void)
- void [xPortSysTickHandler](#) (void)
- int [main](#) (void)
- [__attribute__](#) ((section(".intvecs")))
- void * [_sbrk](#) (unsigned int incr)

Variables

- unsigned long [_heap](#)
- unsigned long [_eheap](#)
- uint32_t [_etext](#)
- uint32_t [_data](#)
- uint32_t [_edata](#)
- uint32_t [_bss](#)
- uint32_t [_ebss](#)
- uint32_t [__init_data](#)

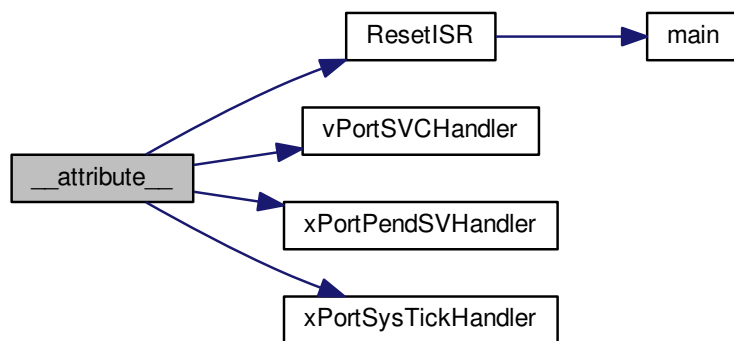
2.2.1 Function Documentation

2.2.1.1 `__attribute__ ((section(".intvecs")))`

Definition at line 94 of file startup_gcc.c.

References `__init_data`, `_bss`, `_data`, `_ebss`, `_edata`, `_etext`, `ResetISR()`, `vPortSVCHandler()`, `xPortPendSVHandler()`, and `xPortSysTickHandler()`.

Here is the call graph for this function:



2.2.1.2 `void _c_int00 (void)`

2.2.1.3 `void* _sbrk (unsigned int incr)`

Definition at line 325 of file startup_gcc.c.

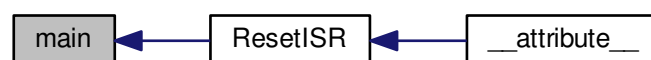
References `_eheap`, and `_heap`.

2.2.1.4 `int main (void)`

Definition at line 28 of file main.c.

Referenced by `ResetISR()`.

Here is the caller graph for this function:



2.2.1.5 void ResetISR (void)

Definition at line 214 of file startup_gcc.c.

References `__init_data`, `_edata`, and `main()`.

Referenced by `__attribute__()`.

Here is the call graph for this function:



Here is the caller graph for this function:



2.2.1.6 void vPortSVCHandler (void)

Referenced by `__attribute__()`.

Here is the caller graph for this function:



2.2.1.7 void xPortPendSVHandler (void)

Referenced by `__attribute__()`.

Here is the caller graph for this function:



2.2.1.8 void xPortSysTickHandler (void)

Referenced by `__attribute__`().

Here is the caller graph for this function:



2.2.2 Variable Documentation

2.2.2.1 uint32_t __init_data

Referenced by `__attribute__`(), and `ResetISR()`.

2.2.2.2 uint32_t __bss

Referenced by `__attribute__`().

2.2.2.3 uint32_t __data

Referenced by `__attribute__`().

2.2.2.4 uint32_t __ebss

Referenced by `__attribute__`().

2.2.2.5 uint32_t __edata

Referenced by `__attribute__`(), and `ResetISR()`.

2.2.2.6 unsigned long _eheap

Referenced by `_sbrk()`.

2.2.2.7 uint32_t _etext

Referenced by `__attribute__()`.

2.2.2.8 unsigned long _heap

Referenced by `_sbrk()`.

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