

My Project

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Chapter 1

Class Index

1.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

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Chapter 2

Class Documentation

2.1 AppWidgets Struct Reference

Public Attributes

- GtkWidget * **window1**
- GtkWidget * **entry1**
- GtkWidget * **entry2**
- GtkWidget * **label1**

The documentation for this struct was generated from the following file:

- testing.c

2.2 i_type Struct Reference

Public Attributes

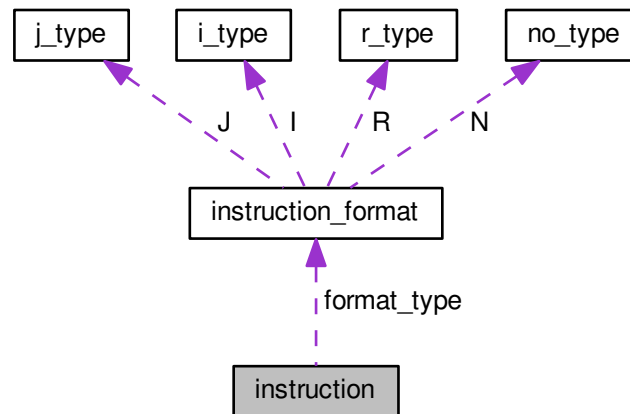
- unsigned int **opcode**:4
- unsigned int **register_1**:4
- unsigned int **register_2**:4
- int **imm_value**:20

The documentation for this struct was generated from the following file:

- processor.h

2.3 instruction Struct Reference

Collaboration diagram for instruction:



Public Attributes

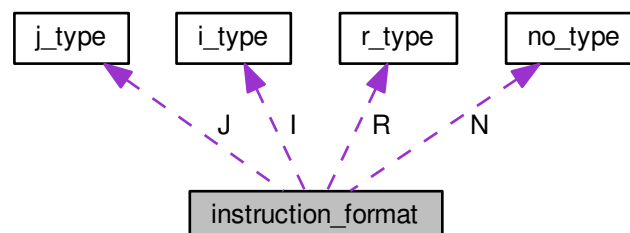
- char **name** [10]
- char **mode**
- [instruction_format](#) **format_type**

The documentation for this struct was generated from the following file:

- processor.h

2.4 instruction_format Union Reference

Collaboration diagram for instruction_format:



Public Attributes

- [r_type](#) **R**
- [i_type](#) **I**
- [j_type](#) **J**
- [no_type](#) **N**

The documentation for this union was generated from the following file:

- processor.h

2.5 j_type Struct Reference

Public Attributes

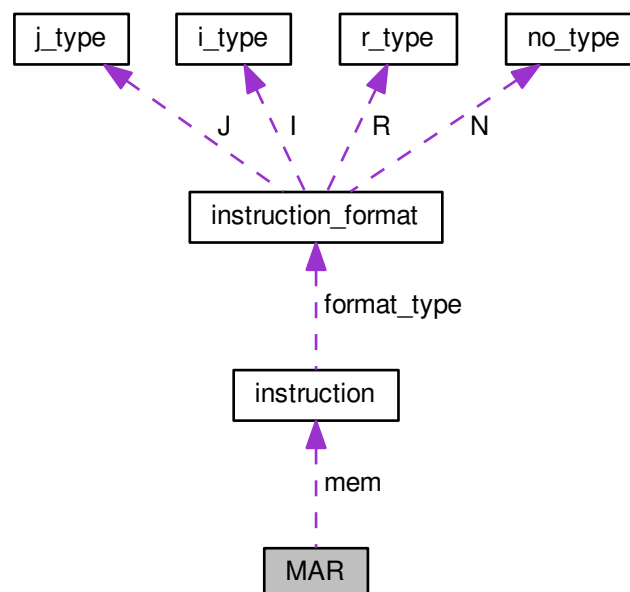
- unsigned int **opcode**:4
- unsigned int **register_1**:4
- unsigned int **register_2**:4
- unsigned int **imm_value**:20

The documentation for this struct was generated from the following file:

- processor.h

2.6 MAR Struct Reference

Collaboration diagram for MAR:



Public Attributes

- `instruction mem` [1000]
- `int size`
- `int start`
- `int last_index`

The documentation for this struct was generated from the following file:

- `micro_table.h`

2.7 `micro` Struct Reference

Public Attributes

- `MICRO_STATES next`
- `func micro_op`

The documentation for this struct was generated from the following file:

- `micro_table.h`

2.8 `no_type` Struct Reference

Public Attributes

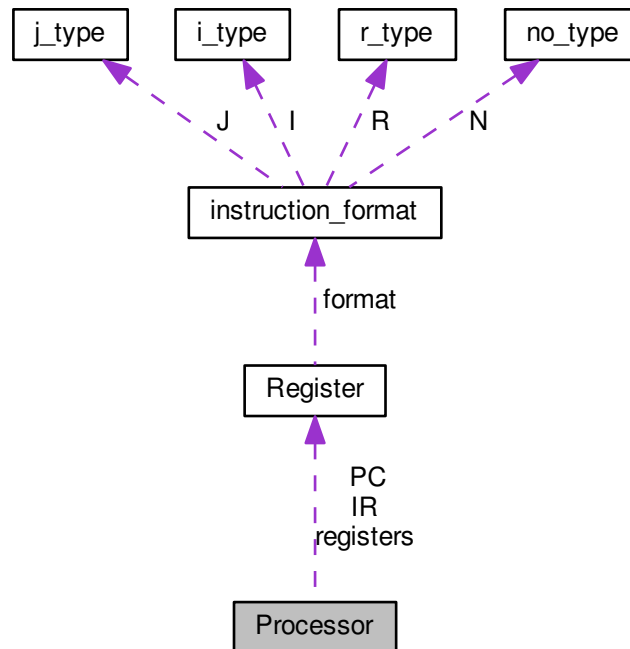
- `int value`

The documentation for this struct was generated from the following file:

- `processor.h`

2.9 Processor Struct Reference

Collaboration diagram for Processor:



Public Attributes

- [Register](#) **PC**
- [Register](#) **IR**
- [Register](#) **registers** [16]

The documentation for this struct was generated from the following file:

- processor.h

2.10 r_type Struct Reference

Public Attributes

- unsigned int **opcode**:4
- unsigned int **register_1**:4
- unsigned int **register_2**:4
- unsigned int **register_3**:4
- unsigned int **garbage**:16

The documentation for this struct was generated from the following file:

- processor.h

2.11 reg_fields Struct Reference

Public Attributes

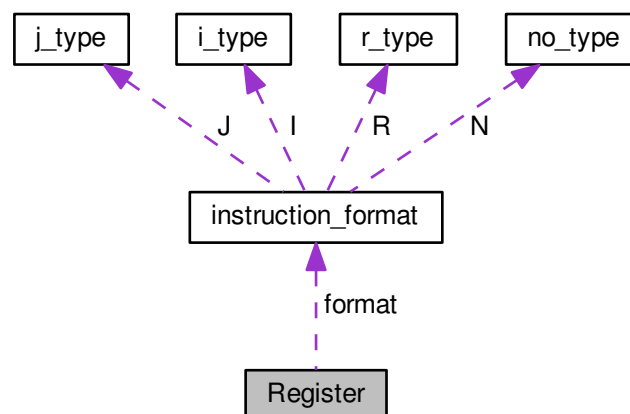
- GtkEntry * **zero**
- GtkEntry * **at**
- GtkEntry * **v0**
- GtkEntry * **a0**
- GtkEntry * **a1**
- GtkEntry * **a2**
- GtkEntry * **t0**
- GtkEntry * **t1**
- GtkEntry * **t2**
- GtkEntry * **s0**
- GtkEntry * **s1**
- GtkEntry * **s2**
- GtkEntry * **k0**
- GtkEntry * **sp**
- GtkEntry * **fp**
- GtkEntry * **ra**
- GtkEntry * **PC**
- GtkEntry * **IR**

The documentation for this struct was generated from the following file:

- testing.c

2.12 Register Struct Reference

Collaboration diagram for Register:



Public Attributes

- char **mode**
- [instruction_format](#) **format**

The documentation for this struct was generated from the following file:

- processor.h

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