

Mash

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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 alias Struct Reference

#### Public Attributes

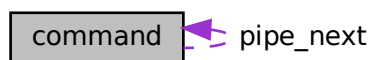
- char **command** [ALIAS\_MAX\_COMMAND]
- char **reference** [ALIAS\_MAX\_REFERENCE]

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

- include/builtin/alias.h

### 2.2 command Struct Reference

Collaboration diagram for command:



## Public Attributes

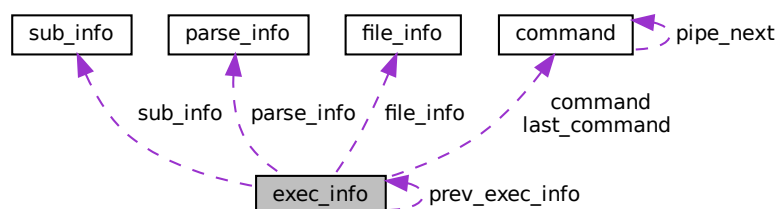
- char **argv** [MAX\_ARGUMENTS][MAX\_ARGUMENT\_SIZE]
- int **argc**
- char \* **current\_arg**
- pid\_t **pid**
- int **next\_status\_needed\_to\_exec**
- int **do\_wait**
- int **input**
- int **output**
- int **err\_output**
- int **fd\_pipe\_input** [2]
- int **fd\_pipe\_output** [2]
- struct [command](#) \* **pipe\_next**
- char \* **output\_buffer**

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

- include/builtin/command.h

## 2.3 exec\_info Struct Reference

Collaboration diagram for exec\_info:



## Public Attributes

- struct [command](#) \* **command**
- struct [command](#) \* **last\_command**
- struct [parse\\_info](#) \* **parse\_info**
- struct [file\\_info](#) \* **file\_info**
- struct [sub\\_info](#) \* **sub\_info**
- char \* **line**
- struct [exec\\_info](#) \* **prev\_exec\_info**

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

- include/exec\_info.h



## 2.4 file\_info Struct Reference

### Public Attributes

- int **mode**
- char \* **ptr**
- char **buffer** [MAX\_ARGUMENT\_SIZE]

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

- include/exec\_info.h

## 2.5 job Struct Reference

Collaboration diagram for job:



### Public Attributes

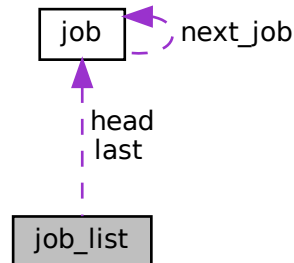
- int **execution**
- int **pos**
- int **relevance**
- pid\_t **pid**
- pid\_t **end\_pid**
- int **state**
- char \* **command**
- struct **job** \* **next\_job**

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

- include/builtin/jobs.h

## 2.6 job\_list Struct Reference

Collaboration diagram for job\_list:



### Public Attributes

- struct `job` \* `head`
- struct `job` \* `last`
- int `n_jobs`

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

- `include/builtin/jobs.h`

## 2.7 parse\_info Struct Reference

### Public Attributes

- int `exec_depth`
- int `request_line`
- int `has_arg_started`
- int `finished`
- char \* `copy`
- spec\_char(\* `curr_lexer`)[ASCII\_CHARS]
- spec\_char(\* `old_lexer`)[ASCII\_CHARS]

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

- `include/parse.h`

## 2.8 source\_file Struct Reference

### Public Attributes

- char **file** [MAX\_FILE\_LENGTH]

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

- include/builtin/source.h

## 2.9 sub\_info Struct Reference

### Public Attributes

- char **last\_alias** [ALIAS\_MAX\_COMMAND]
- char \* **old\_ptr**
- char **buffer** [MAX\_ENV\_SIZE]
- spec\_char(\* **old\_lexer**)[ASCII\_CHARS]

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

- include/exec\_info.h



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