

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

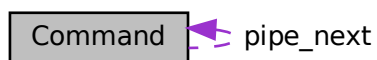
- char **command** [ALIAS\_MAX\_COMMAND]
- char **reference** [ALIAS\_MAX\_REFERENCE]

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

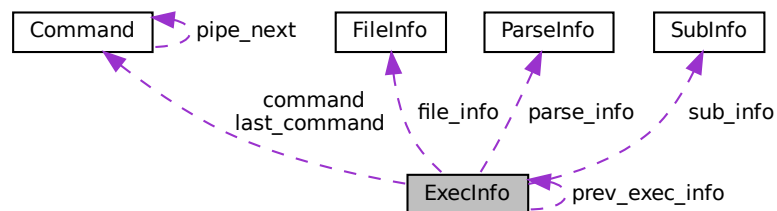
- char **argv** [MAX\_ARGUMENTS][MAX\_ARGUMENT\_SIZE]
- int **argc**
- char \* **current\_arg**
- pid\_t **pid**
- int **search\_location**
- int **next\_status\_needed\_to\_exec**
- int **do\_wait**
- int **input**
- int **output**
- int **err\_output**
- int **fd\_pipe\_input** [2]
- int **fd\_pipe\_output** [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 ExecInfo Struct Reference

Collaboration diagram for ExecInfo:



## Public Attributes

- [Command](#) \* **command**
- [Command](#) \* **last\_command**
- [ParseInfo](#) \* **parse\_info**
- [FileInfo](#) \* **file\_info**
- [SubInfo](#) \* **sub\_info**
- char \* **line**
- struct [ExecInfo](#) \* **prev\_exec\_info**

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

- include/exec\_info.h



## 2.4 FileInfo 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

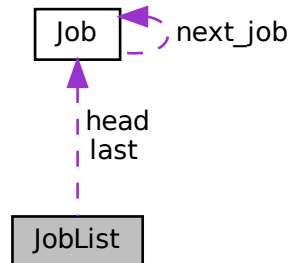
- int **execution**
- int **pos**
- int **relevance**
- pid\_t **pid**
- pid\_t **end\_pid**
- int **state**
- char \* **command**
- struct **Job** \* **next\_job**

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

- include/builtin/jobs.h

## 2.6 JobList Struct Reference

Collaboration diagram for JobList:



### Public Attributes

- `Job * head`
- `Job * last`
- `int n_jobs`

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

- `include/builtin/jobs.h`

## 2.7 ParseInfo 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 SubInfo Struct Reference

### Public Attributes

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

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

- include/exec\_info.h

## 2.10 token Struct Reference

Collaboration diagram for token:



### Public Attributes

- char **data** [MAX\_OPERAND\_SIZE]
- double **value**
- int **type**
- int **priority**
- int **symbol\_priority**
- struct **token** \* **next**

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

- src/builtin/mash\_math.c



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