

Project manager program

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Chapter 1

File Index

1.1 File List

Here is a list of all files with brief descriptions:

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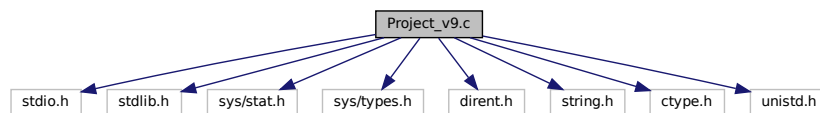
Chapter 2

File Documentation

2.1 Project_v9.c File Reference

```
#include <stdio.h>
#include <stdlib.h>
#include <sys/stat.h>
#include <sys/types.h>
#include <dirent.h>
#include <string.h>
#include <ctype.h>
#include <unistd.h>
```

Include dependency graph for Project_v9.c:



Macros

- #define `MAX_CHAR` 50
- #define `INPUT_CHAR` 30

Functions

- int `listing_directory` (char *dirname)
- void `make_path` (char result[], char path[], char fname[])
- int `list_file_type` (char type, char result[100][100], int index, char path[])
- int `creating_directory` (char *newdir)

Variables

- const char * `slash` = "/"

2.1.1 Macro Definition Documentation

2.1.1.1 INPUT_CHAR

```
#define INPUT_CHAR 30
```

2.1.1.2 MAX_CHAR

```
#define MAX_CHAR 50
```

Defining macros

2.1.2 Function Documentation

2.1.2.1 creating_directory()

```
int creating_directory (
    char * newdir )
```

Defining a function which creates a new folder structure

2.1.2.2 list_file_type()

```
int list_file_type (
    char type,
    char result[100][100],
    int index,
    char path[] )
```

Defining recursive file directory search function

2.1.2.3 listing_directory()

```
int listing_directory (
    char * dirname )
```

Defining a function that lists specified directory Selecting the specified directory through DIR struct

defining directory entry structure type for reading

Listing all directories inside the directory

2.1.2.4 make_path()

```
void make_path (
    char result[],
    char path[],
    char fname[] )
```

2.1.3 Variable Documentation

2.1.3.1 slash

```
const char* slash = "/"
```

Defining a path construction function

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