

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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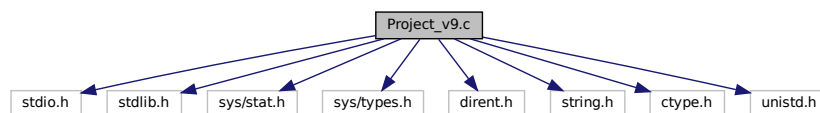
## Chapter 2

# 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)
- int `main` (int argc, char \*argv[])

### 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[ ] )
```

Recursively iterating through files/directories function

### 2.1.2.3 listing\_directory()

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

Defining a function which takes and lists specified directory



#### 2.1.2.4 main()

```
int main (
    int argc,
    char * argv[] )
```

Entering a program which has multiple interfaces. A command line interface and a Wizard interface. Initializing git

Initializing git

#### 2.1.2.5 make\_path()

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

Defining a path construction function

### 2.1.3 Variable Documentation

#### 2.1.3.1 slash

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



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