

File Paths

1. What is File Path?

A File path specifies the location of a file on that web site's folder structure.

File paths are used when we link to external files, like:

- Images
- Web pages
- Style sheets
- Java Scripts

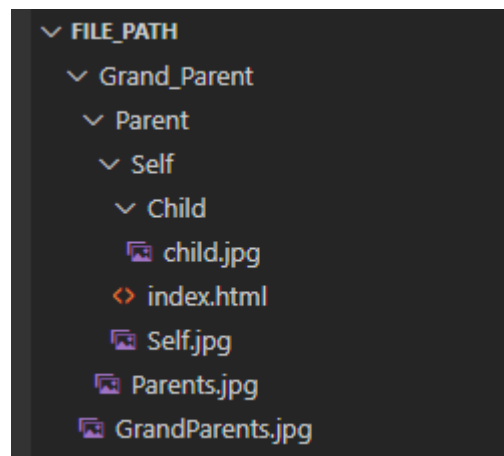
They are of two types:

- I. Relative file Path
- II. Absolute file Path

1. What is Relative File Path?

A relative file path points to the location of files in the root folder of a particular web project with reference to the current working file.

Assuming we have a project with the structure below:



Consider these scenarios;

To display self.jpg in a section of our index.html file, We have to assign the image's file path to the **src** attribute of an image tag.

Scenario 1:

- **If File present in the Same folder, use `./` delimiter:** this delimiter points to the current folder. You can use this to specify the relative file path when the file we want to link is in the same folder.

E.g. In this case, the index.html file and self.jpg are both in the same folder, `Self`. So the relative path for self.jpg looks like this:

```

```

or

```

```

Scenario 2:

- **The file present in the subfolder:** In this case, the name of the file provided is preceded by the folder's name according to the hierarchy.

E.g. The child.jpg file is in the child folder of the `Self` folder. So the relative file path to the child.jpg looks like this:

```

```

Scenario 3:

- **If the file is present somewhere in the parent folder, use `../` delimiter:** This delimiter points one folder up the parent folder of the current working file.

E.g.: The parents.jpg file is one level up parent folder of the `self` folder. So the relative file path to the parents.jpg looks like this:

```

```

Scenario 4:

- **If the file is present in the grandparent folder, use `../../` delimiter:** This delimiter points to two folders up of the current working file.

E.g., The grandParents.jpg is two levels up of the `self` folder. So the relative file path to the grandParents.jpg looks like this:

```

```

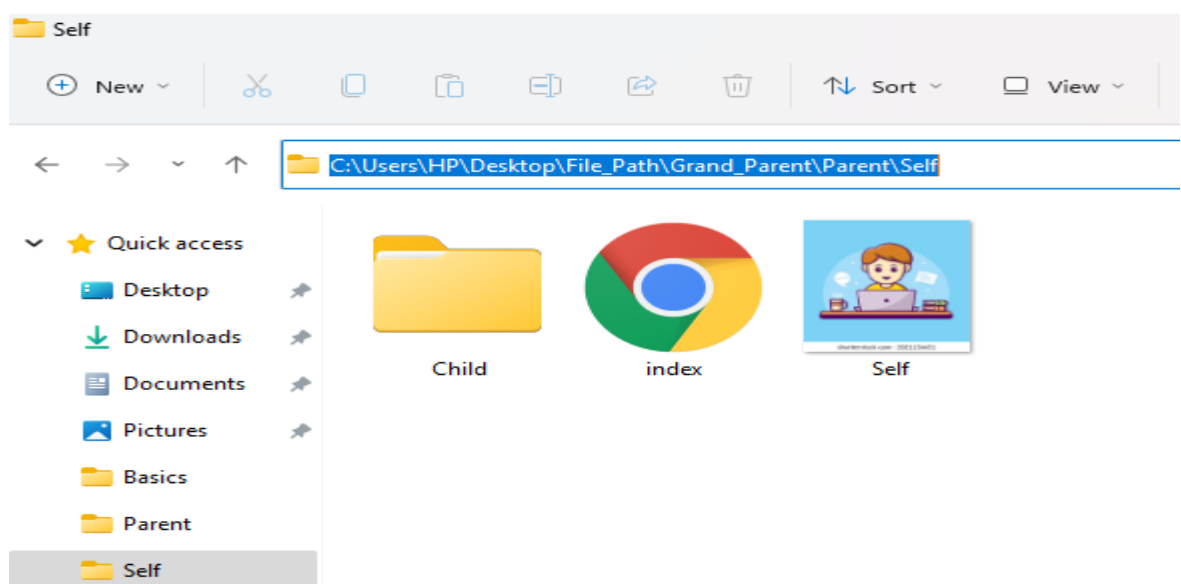
Summary:

- **./** this means current folder. You can use this to specify the relative file path, and the file you want to link to is in the same folder.
- **./child/** this means go to the child folder from the current folder. You can use this to the relative file path, and the file you want to link to is in the child folder of the current folder.
- **../** this means to go one level up from the current folder. You can use this to specify a relative file path, and the file you want to link is one level up from the current folder.
- **../..** this means go two levels up from the current folder. You can use this to specify the relative file path when the file you want to link to two levels up of the parent folder of the current folder.

2. What is an Absolute File Path?

An absolute path means the file path always starts from the root element or root folder and includes all the folder lists to locate the file.

Example: **C:\Users\HP\Desktop\File_Path\Grand_Parent\Parent\Self**



Also, Absolute file paths are usually used to specify the location of files over the internet. These paths always include a domain name as part of the link.

Example:

```

```

Note: Don't use the Absolute File path that starts from your computer's root folder because it only works on your computer if you want to link a static file from your computer to your project.

The best practice would be to first move the static file into your project folder and then specify the relative path property.

