

# Transform a NSString into proper file system path using stringByStandardizingPath

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Using stringByStandardizingPath we can transform a NSString into a proper filesystem path.

```
main.m // transform a NSString into a proper filesystem path naming#import <Foundation/Foundation.h>
```

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

    @autoreleasepool {

        NSLog(@"Path Examples");

        NSString *path1 = @"/usr/local/bin";
        NSString *path2 = @"~";
        NSString *path3 = @"/usr/local/.";
        NSString *path4 = @"/usr//local/bin/";
        NSString *path5 = @"/usr/.local/.bin/";

        NSString *path_full;

        path_full = [path1 stringByStandardizingPath];
        NSLog(@"path1 is: %@", path_full);

        path_full = [path2 stringByStandardizingPath];
        NSLog(@"path2 is: %@", path_full);

        path_full = [path3 stringByStandardizingPath];
        NSLog(@"path3 is: %@", path_full);

        path_full = [path4 stringByStandardizingPath];
        NSLog(@"path4 is: %@", path_full);

        path_full = [path5 stringByStandardizingPath];
        NSLog(@"path5 is: %@", path_full);
```

```
}  
return 0;  
}
```