Handling files in ruby

The IO class in ruby is very powerful as it gives access to method related to Kernel module. The IO class is responsible for providing important features such as read, gets, puts, printf and more such more.

Let us learn to open a file in ruby.

File.new method is used to open file

Syntax:

newFile = File.new("file-name", "mode-to-open-file")
newFile.close

File.open method is used to open file

File.open("file-name", "mode-to-open-file") do |newFile|
End

So, when we talk about modes in ruby let's take mode in details,

r: read only mode
r+ : read write mode
w : write only mode
w+: read-write mode
a : write only mode
a+: read and write mode

Create a file ruby.txt in the same directory with this text in it "This file is used as a test file" and write this code in eclipse to read that file

#!/usr/bin/ruby

newFile = File.new("ruby.txt", "r+")
if newFile
        details = newFile.sysread(20)
        puts details
else
        puts "You did some mistake or file is not in the same directory"
end

The sysread is used to read files and same way syswrite is used to write files

Renaming and deleting of file is very easy in ruby

```ruby
#!/usr/bin/ruby
File.rename("file1.txt". "file2.txt")
```

Deleting file is also very simple

```ruby
#!/usr/bin/ruby
File.delete(file2.txt)
```