

ESS with Spacemacs

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Questions

- What is Spacemacs?
- How do I get started?
- Where can I learn more?

What is Spacemacs?



The screenshot shows the Emacs editor interface with the title bar 'emacs@morty'. The left pane contains R code defining a Fibonacci function and a loop to print the first four values. The right pane shows the same code being executed in an R console, with the output of the loop displayed as a list of values: 1, 1, 2, 3. The bottom status bar shows the current buffer is '* 123 *scratch*' and the file encoding is 'utf-8'.

```
fib <- function(n) {  
  if (n < 2) {  
    n  
  } else {  
    fib(n - 1) + fib(n - 2)  
  }  
}  
  
for (n in 1:4) {  
  print(fib(n))  
}
```

```
> fib <- function(n) {  
+   if (n < 2) {  
+     n  
+   } else {  
+     fib(n - 1) + fib(n - 2)  
+   }  
+ }  
> for (n in 1:4) {  
+   print(fib(n))  
+ }  
[1] 1  
[1] 1  
[1] 2  
[1] 3  
>
```

Spacemacs is a configuration starter kit, designed upon four core pillars.

Core pillars

- Mnemonic
- Discoverable
- Consistent
- “Crowd-Configured”

Mnemonic and discoverable

- SPC f file management eg SPC f f for *find file*
- SPC m major mode commands eg SPC m s b to *send buffer* to REPL
- SPC w/b/g for window/buffer/magit management. . .

Consistent

Functionality is largely language agnostic, so you only need to learn the keys once.

Crowd-configured

You don't have time to get the perfect emacs configuration, so let the community help you!

Layers

Functionality is implemented in *layers*, eg there is an ESS layer and a Python layer and a magit layer, and you can build new ones by stacking existing layers.

Quick start

There is a quick start guide in the documentation and an ESS specific [guide](#) is included in this repository.

Next steps

More information can be found all over the web

- [Spacemacs website](#)
- [Github](#)
- [Gitter](#)
- there is even a [subreddit](#)