1s cp foo bar cat file.txt

dir copy foo bar type file.txt

```
while ($i < 10) {
    $total += $nums[$i];
    $i++;
}</pre>
```

Is it Bash?

Is it cmd.exe?

Is it Perl?

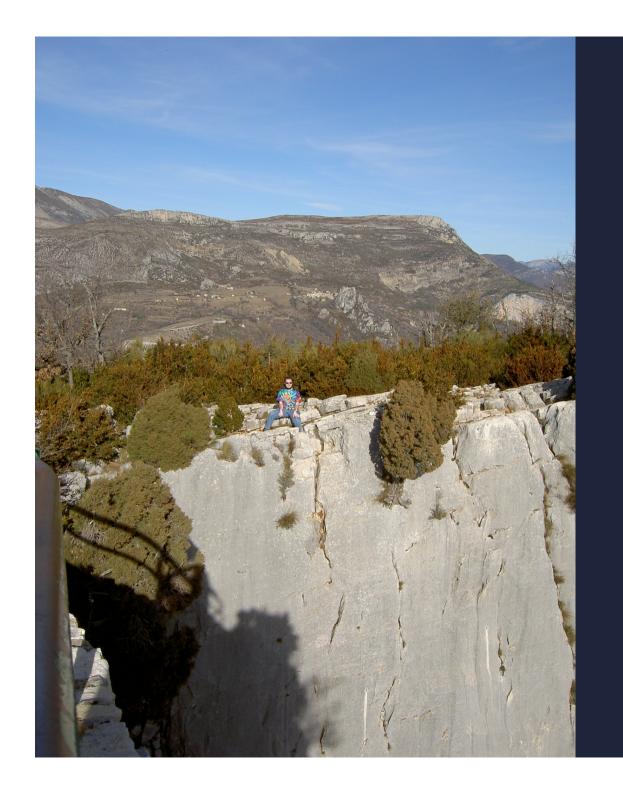
It's PowerShell

What?

Microsoft's new shell and shell scripting language

That must suck, right?

I like to live on the edge.



I'm at a UNIX conf.

But I think that...

PowerShell Rocks!

Typical shell: pipe strings between commands

```
ps -e | grep " mysql" | awk '{print $1}' | xargs kill
```

PowerShell: pipe objects between commands

Represent entities in the system (files, processes, etc) by objects

object

fields of data



methods

Reflection: self describing objects

get-process p*

A list of process objects where process name starts with p

get-process p* stop-process

The list of process objects is piped to stop-process

No text generation and parsing!

dir | sort -property length

Know the type of the
length property is a
number => no need to
tell sort that

Higher Order Programming

```
$total = 0
dir | for-each {
    $total += $_.length
}
$total
```


Ilike Powershell.

Do you?