

Comparing Files

What You Will Learn

- How to compare the contents of files.

Comparing the Contents of Files

`diff file1 file2`

Compare two files.

`sdiff file1 file2`

Side-by-side comparison.

`vimdiff file1 file2`

Highlight differences in vim.

diff Output

```
$ diff file1 file2
```

```
3c3
```

```
...
```

LineNumFile1-Action-LineNumFile2

Action = (A)dd (C)hange (D)ete

diff Output

```
$ diff file1 file2
```

```
3c3
```

```
< this is a line in a file.
```

```
---
```

```
> This is a Line in a File!
```

< Line from file1

> Line from file2

sdiff Output

```
$ sdiff file1 file2
```

```
line in file1      |      line in file2  
                   >      more in file2
```

- | Differing lines
- < Line from file1
- > Line from file2

vimdiff

<code>Ctrl-w w</code>	Go to next window
<code>:q</code>	Quit (close current window)
<code>:qa</code>	Quit all (close both files)
<code>:qa!</code>	Force quit all

Demo

Summary

- diff
- sdiff
- vimdiff