

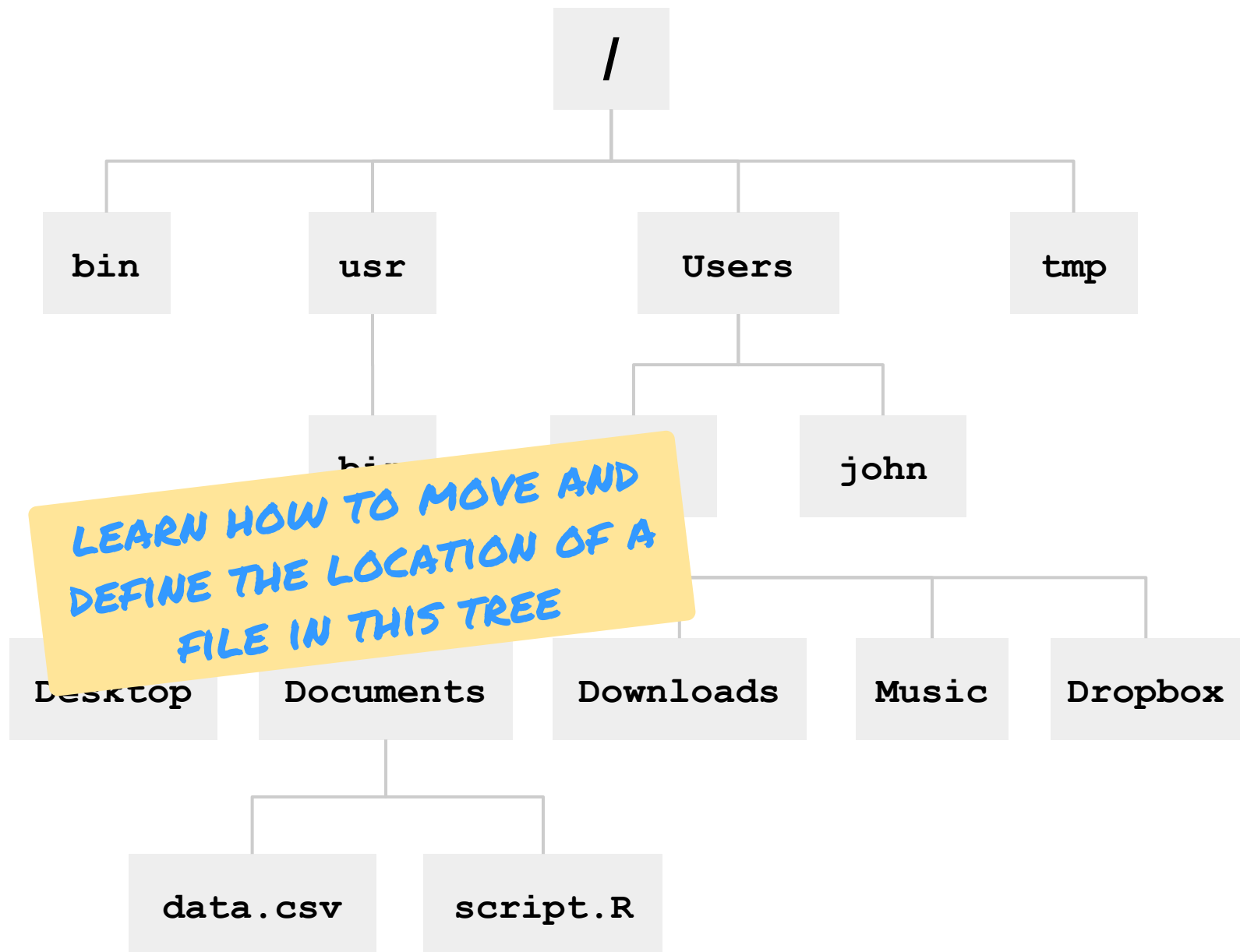
File Paths

Stat 133 with Gaston Sanchez

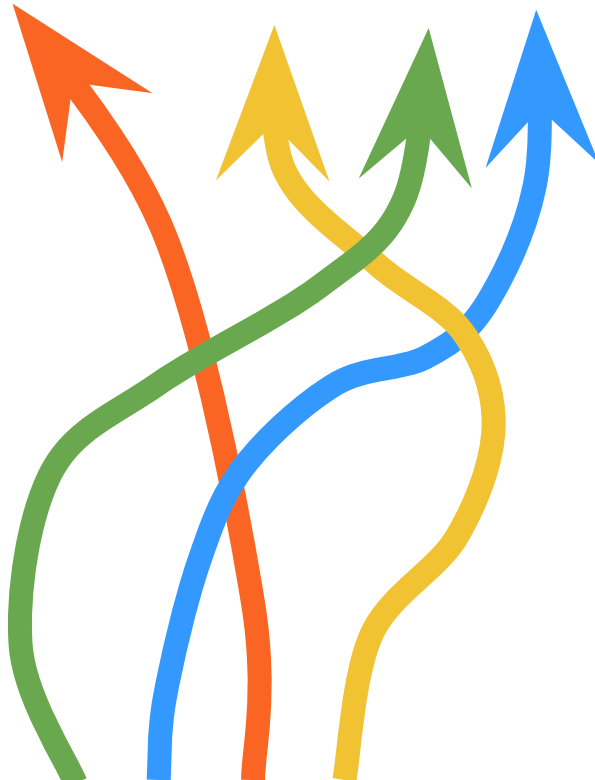
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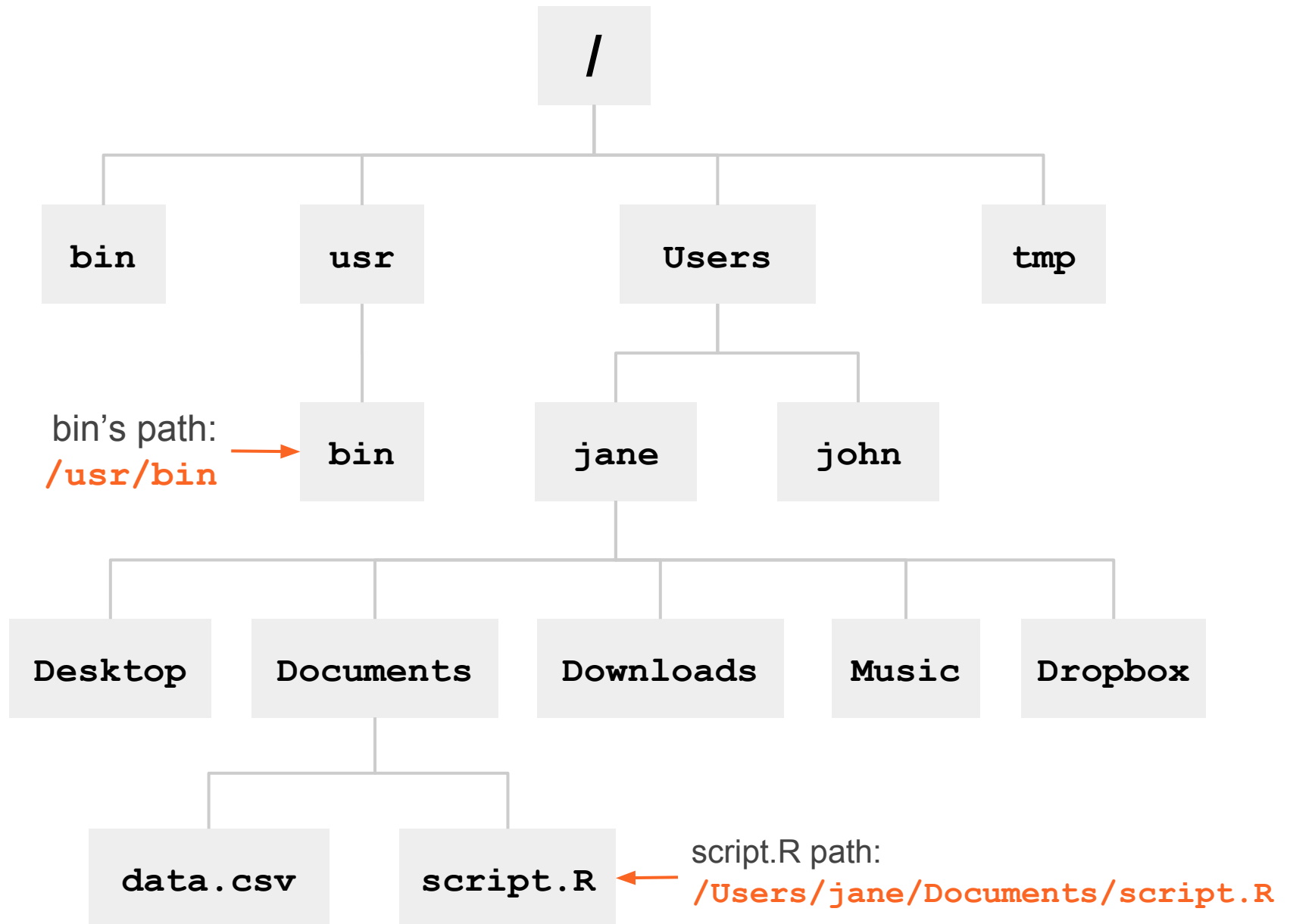
Lesson 1: Learn how to refer
to the files in a project

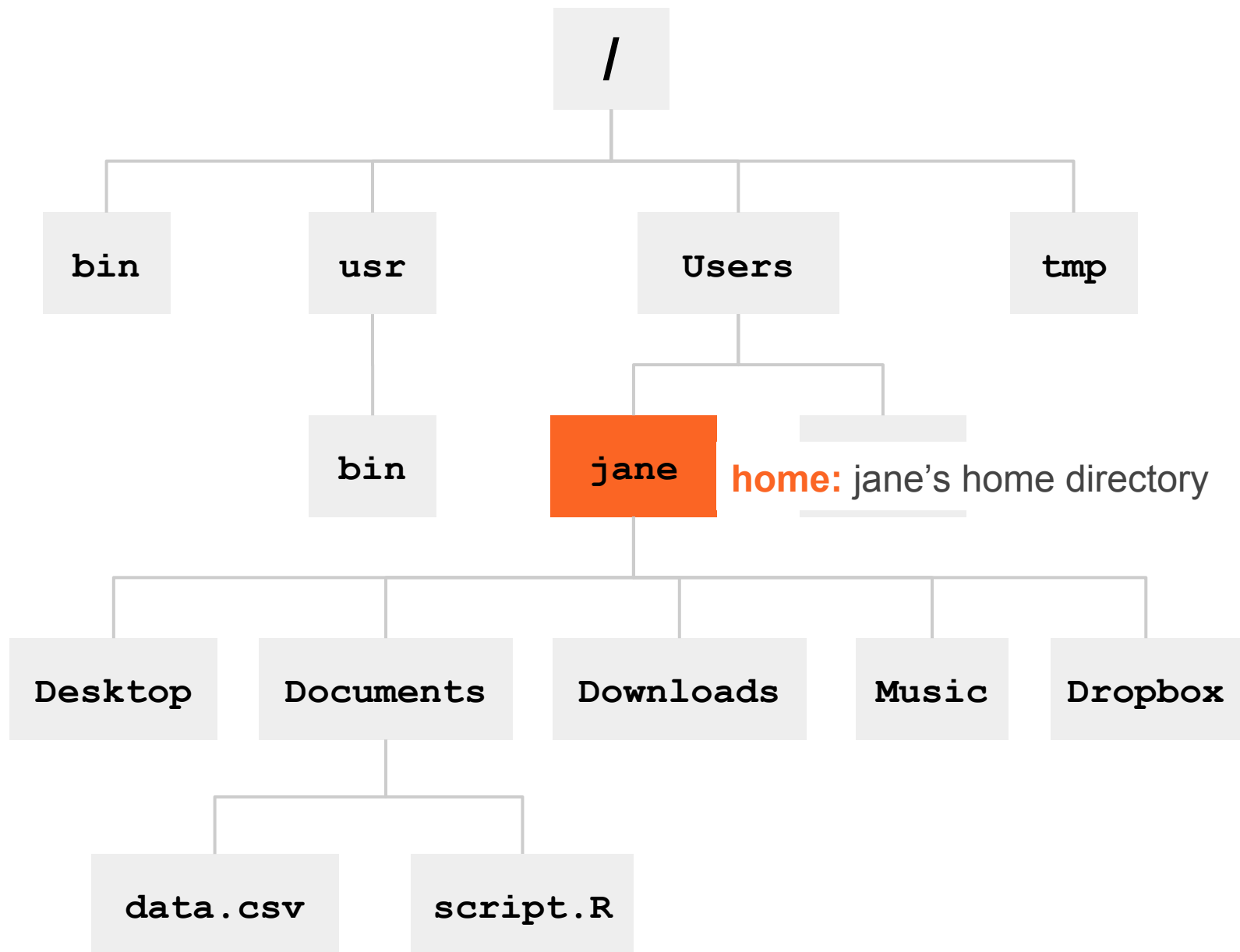


Paths



Each file and directory
has a unique name in the
filesystem called a **path**





Special Directories

<code>/</code>	root directory
<code>~</code>	home directory (i.e. <code>/home/user</code>)
<code>.</code>	current directory
<code>..</code>	parent directory

Absolute Paths

Absolute paths: an absolute pathname begins with the root directory and follows the tree branch by branch

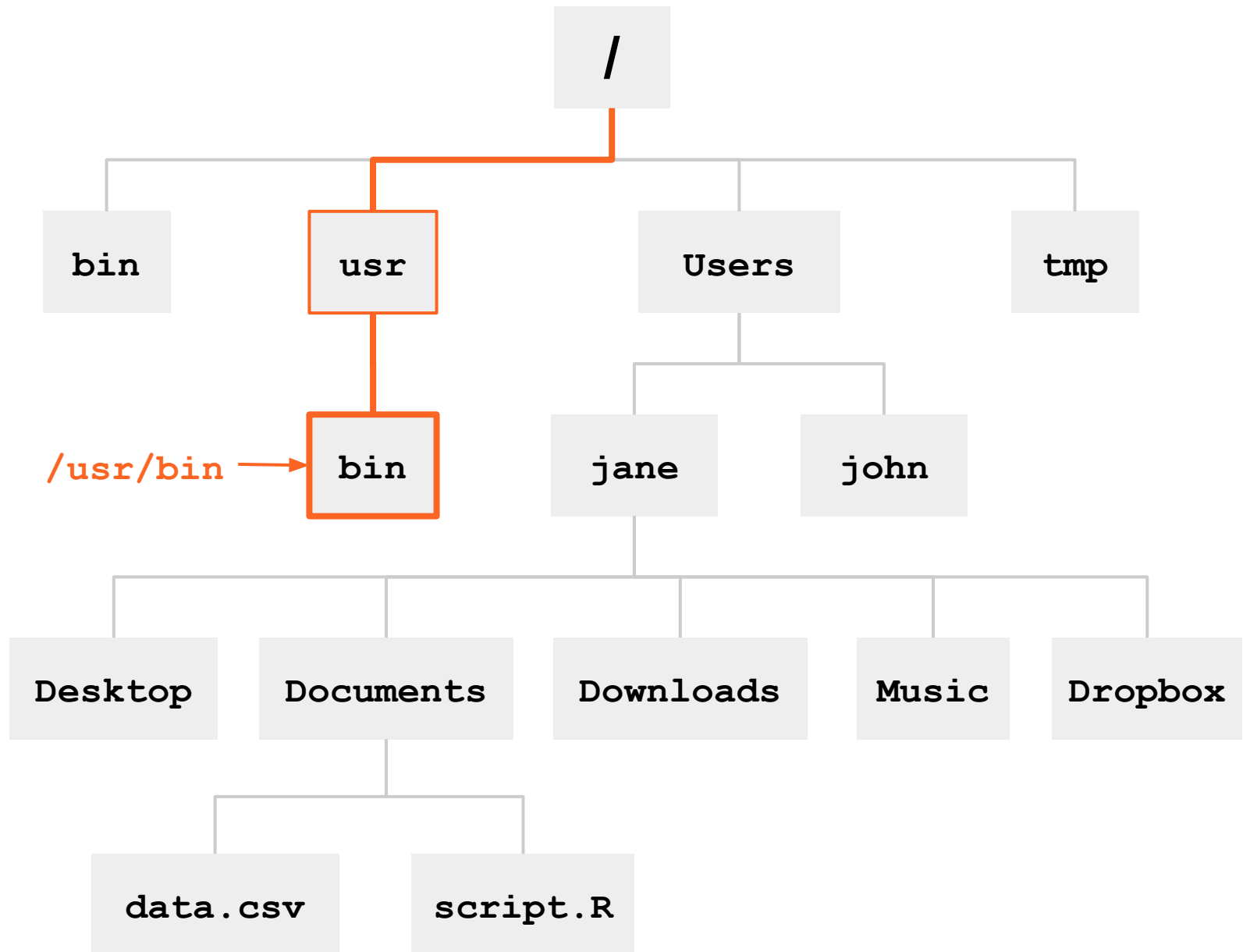
/A/B/C/D

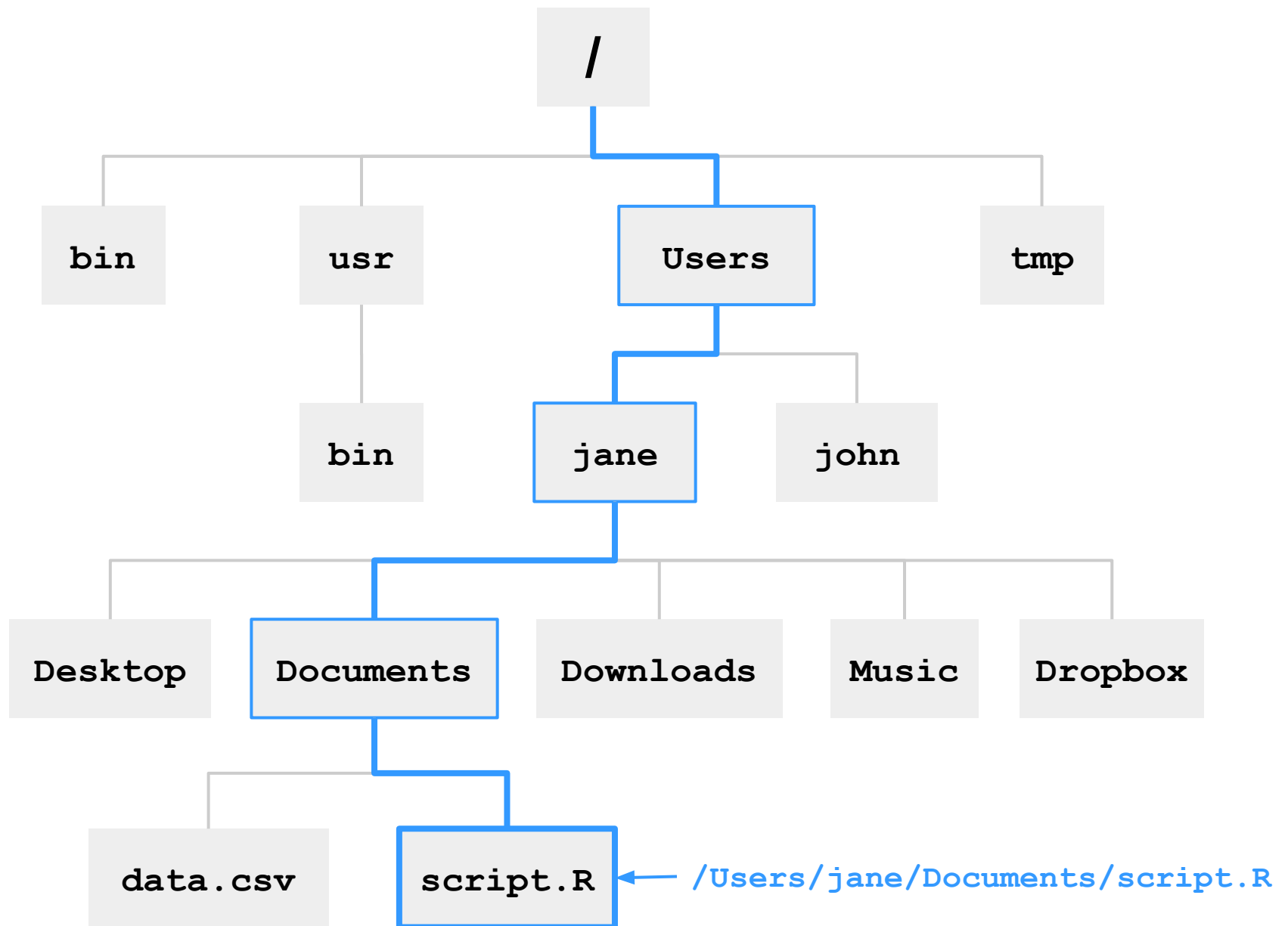


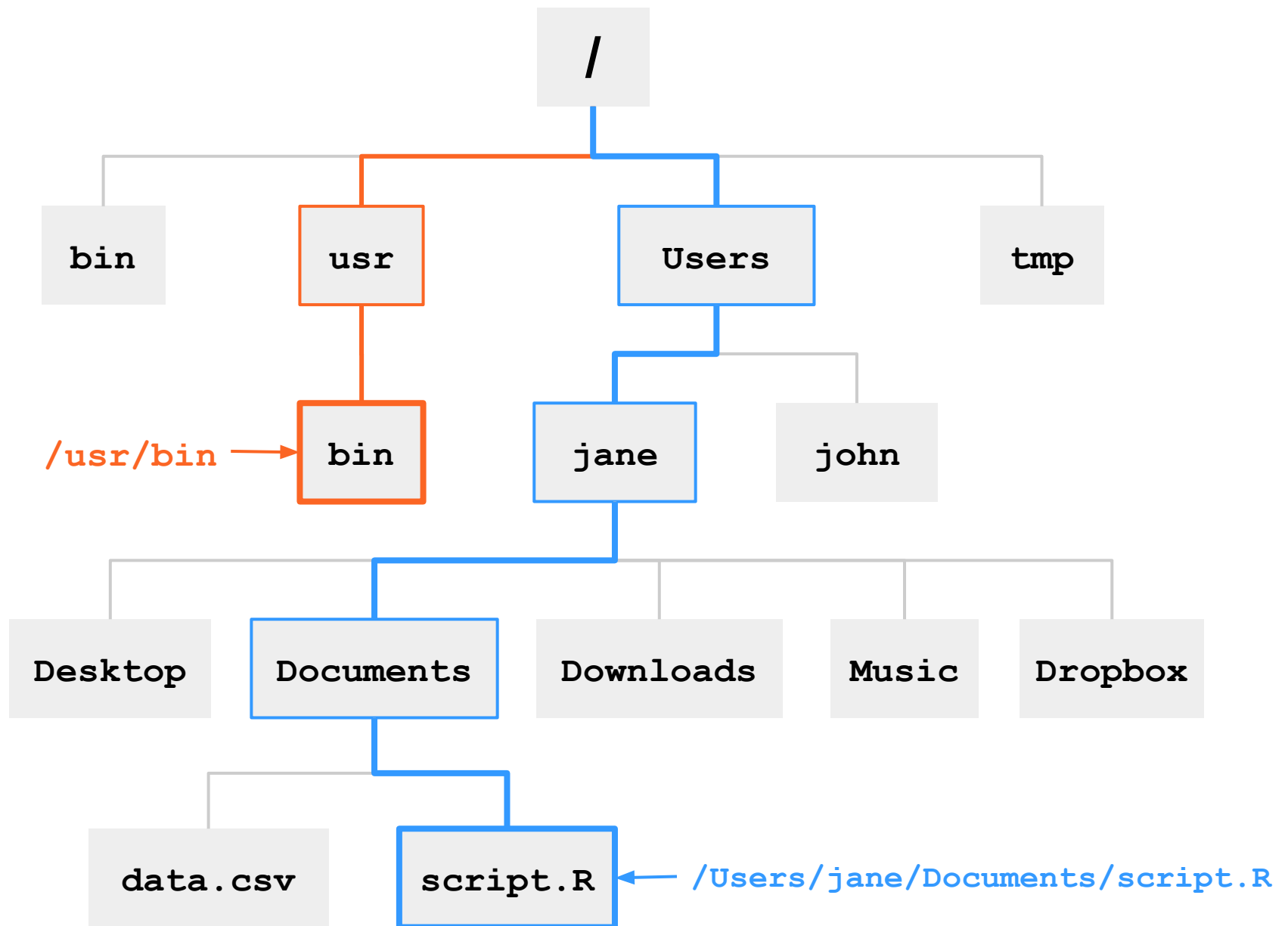
The first slash is the root directory



Subsequent slashes separate directories





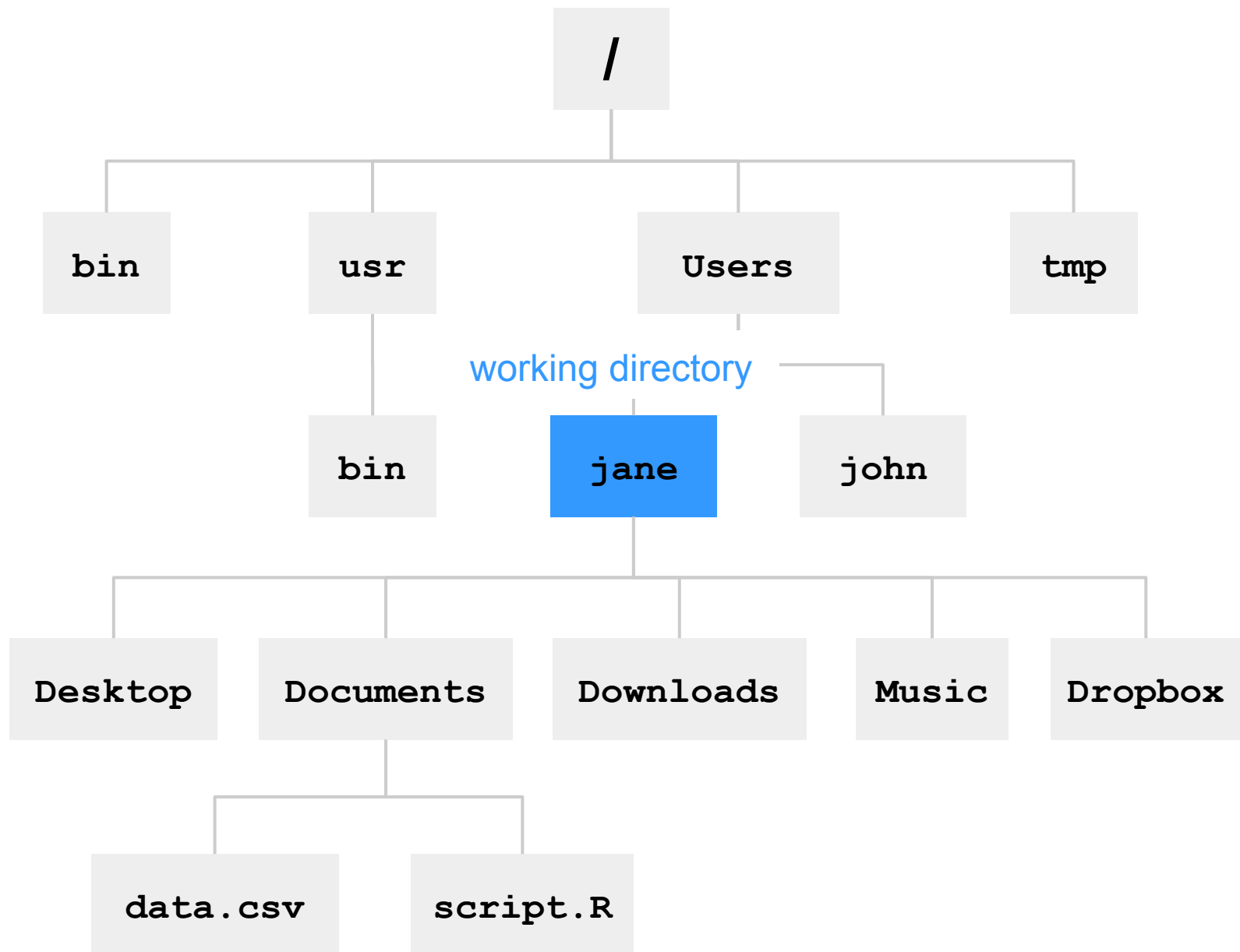


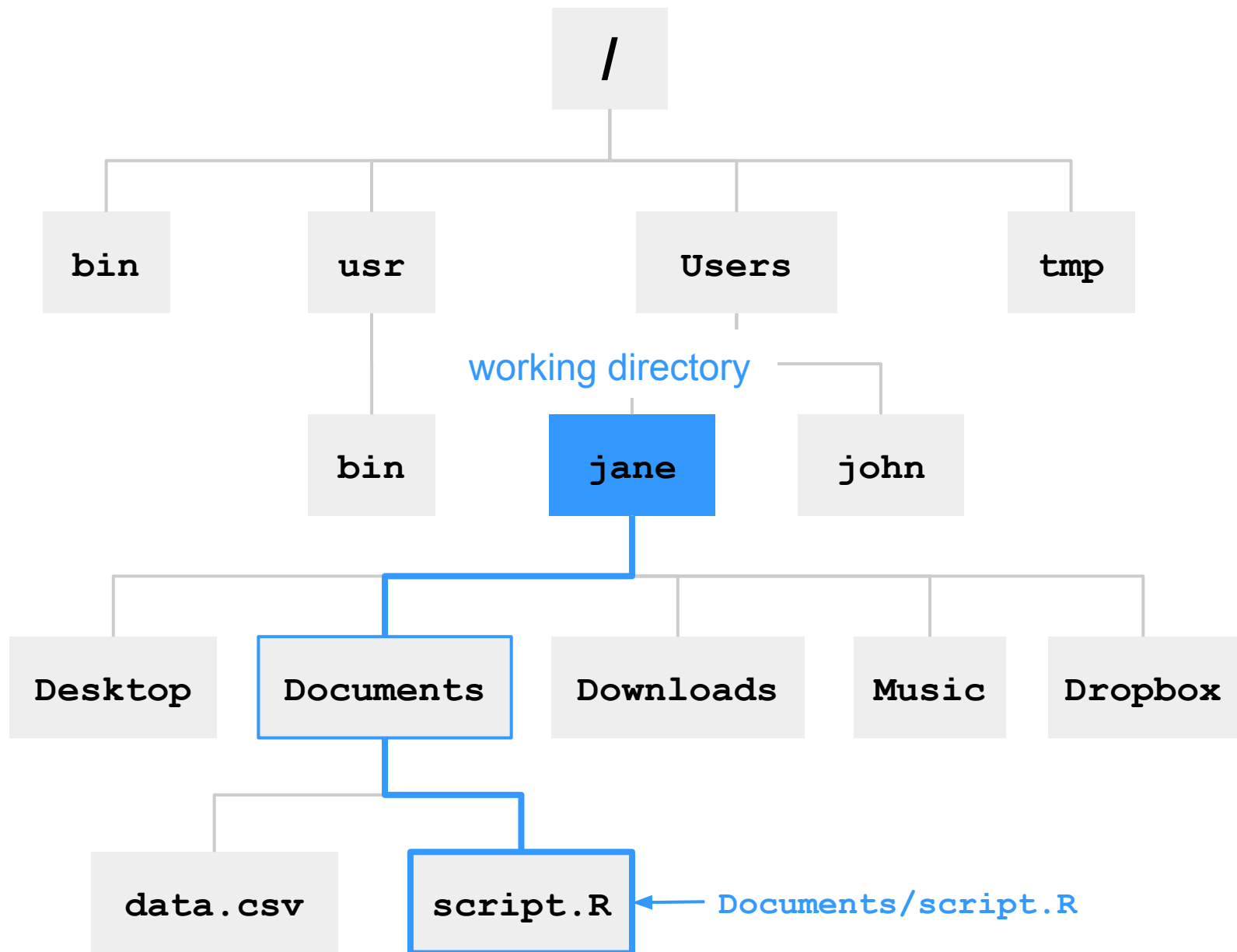
Relative Paths

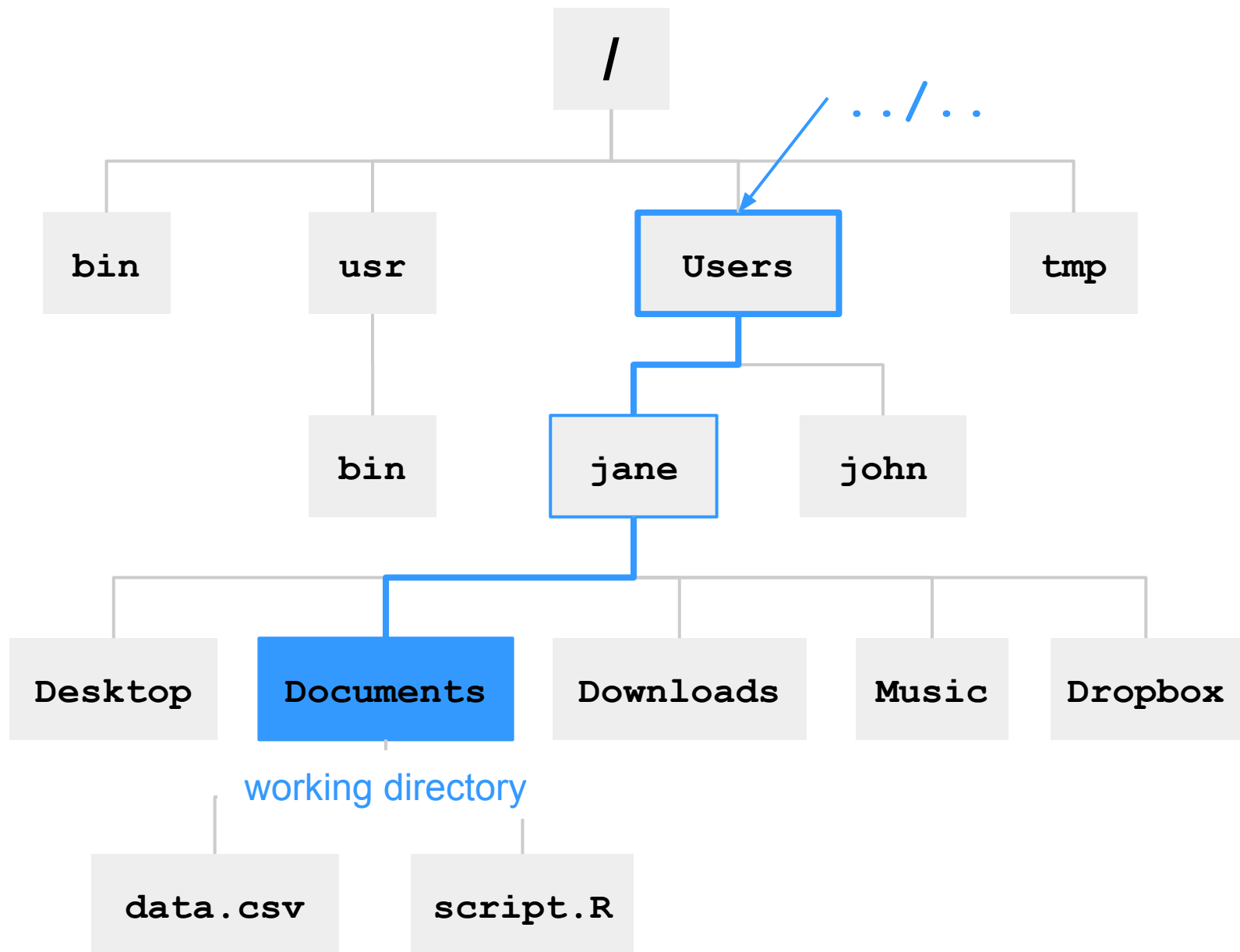
Relative paths: a relative pathname begins at some working directory, moving either up or down the tree

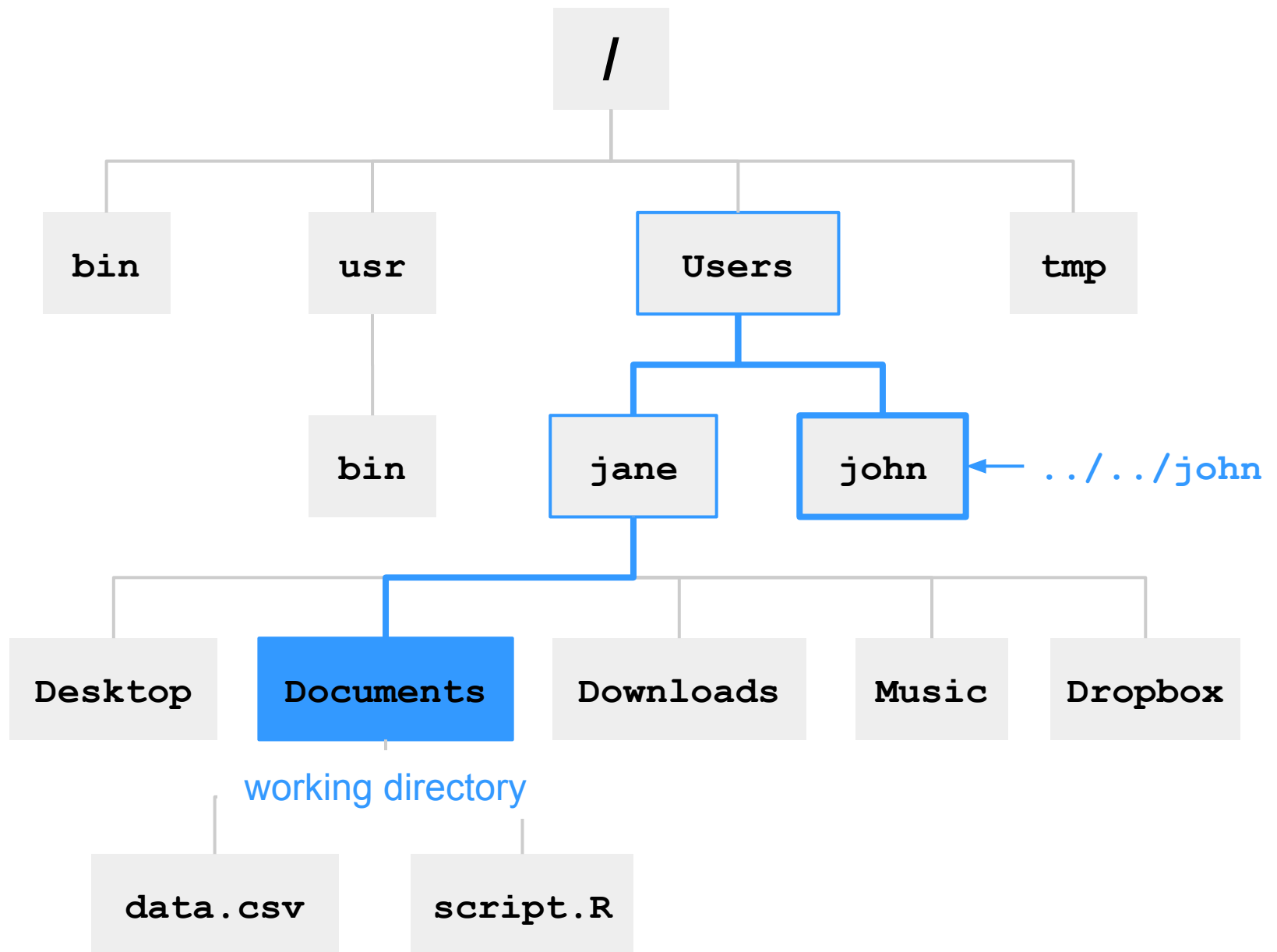
`../C`

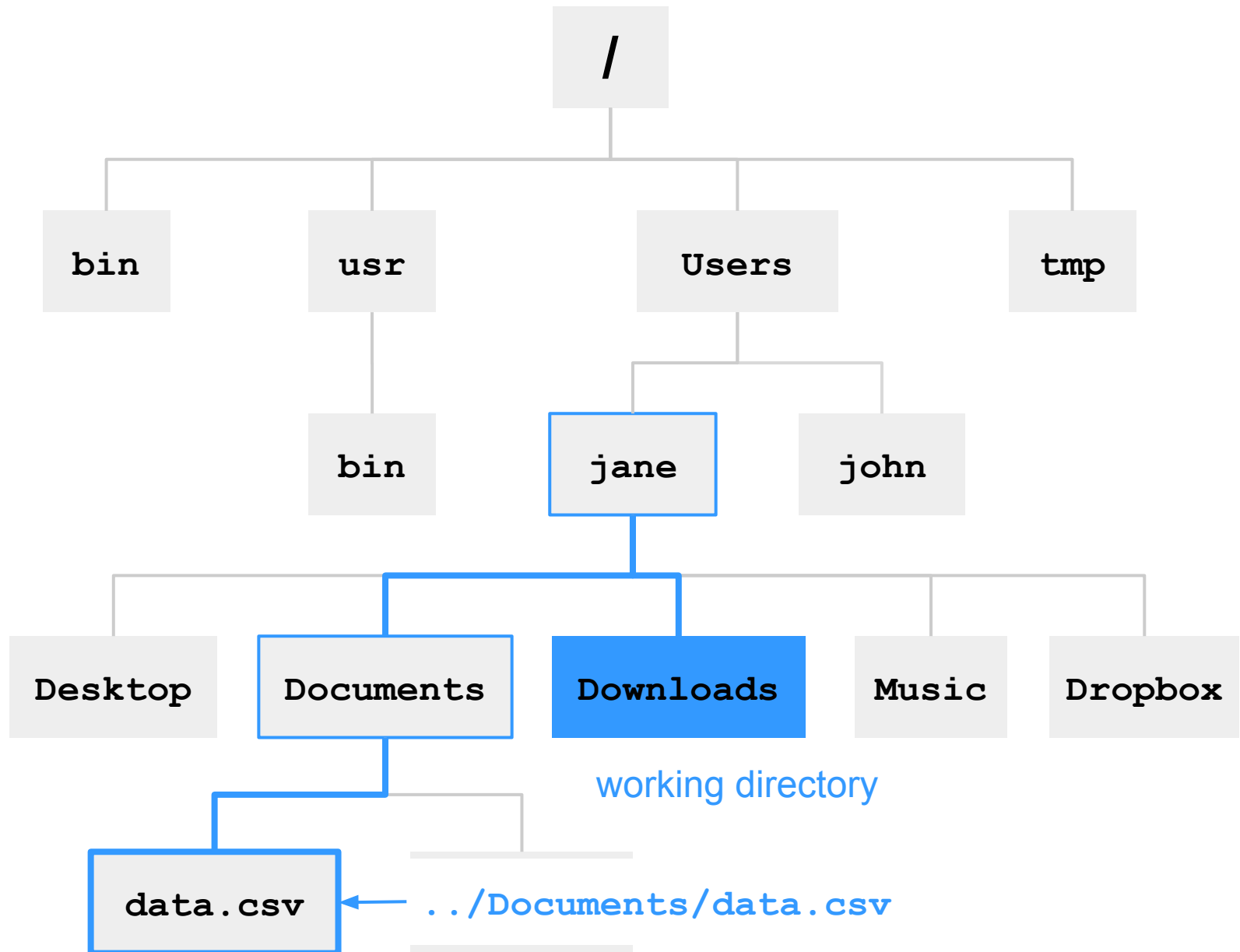
`./B`



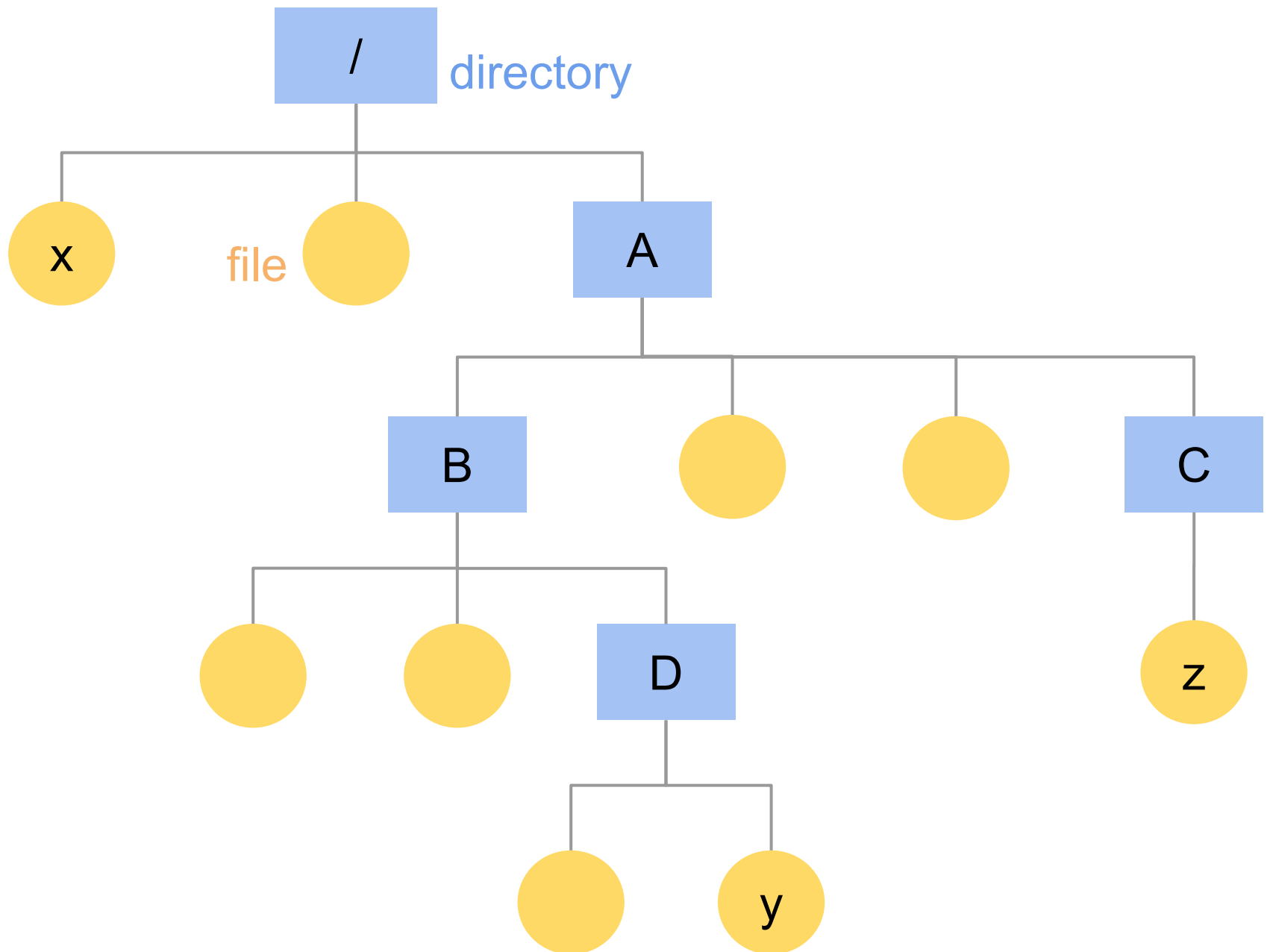








Your turn



Write the following Absolute Paths

From root to C:

From root to z:

From A to y:

From A to z:

Write the following Relative Paths

From D to C:

To x from within C:

To y in D from within C: