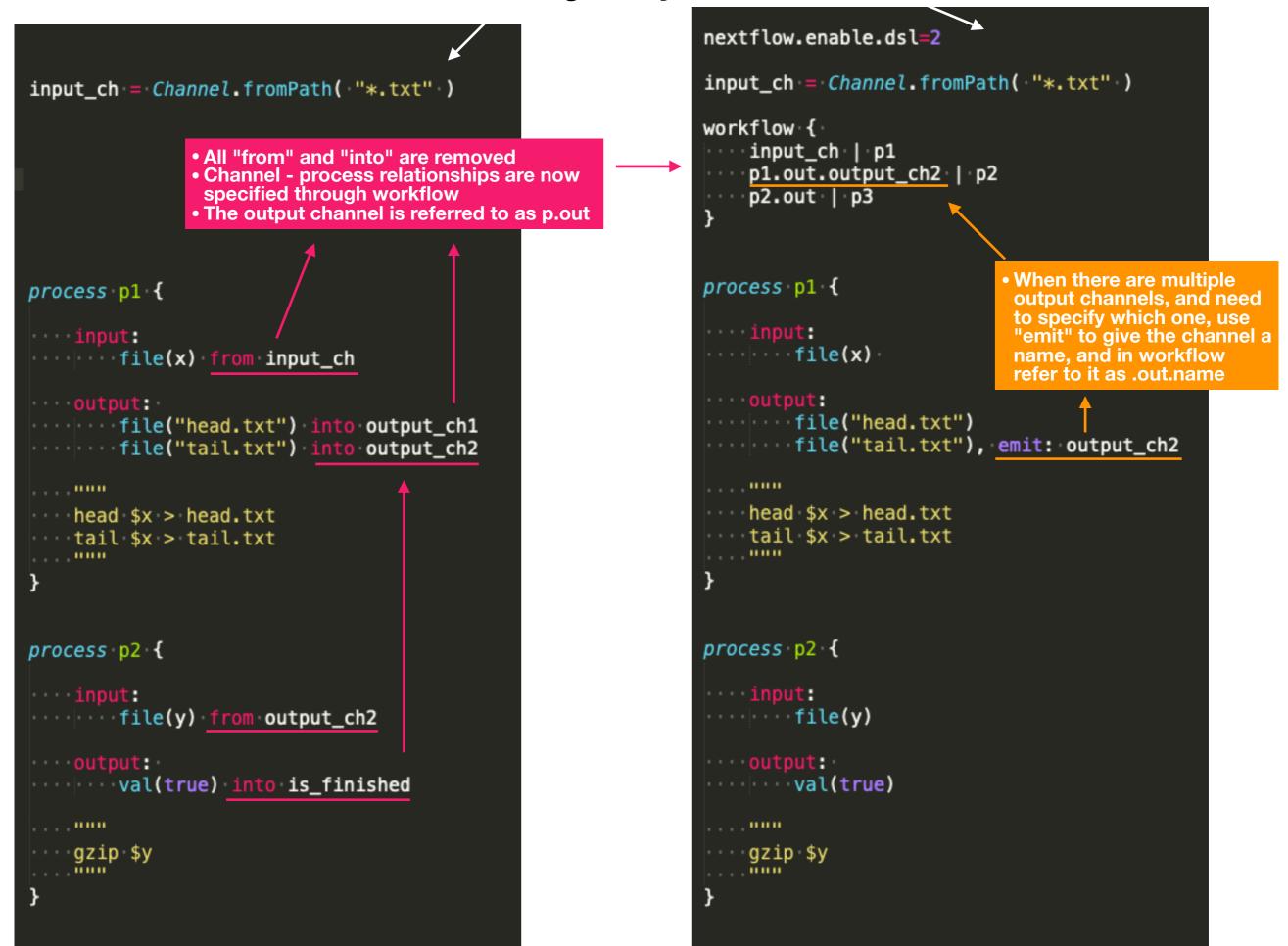
Nextflow: difference between the original syntax and DSL2



Practical steps:

DSL2

		nextflow.enable.	.dsl=2
<pre>input_ch = Channel.fromPath('**.txt")</pre>		<pre>input_ch = Channel.fromPath('*.txt")</pre>	
Step 1: • Write the skeleton of workflow based on channel and process relationships. • When process has single output channel, can pipe directly into the next process:		workflow { input_ch p1 p1.out.output_ch2 p2 p2.out p3	
"input_ch p1 p2 p3"		}	 Step 3: In workflow, combine input channels as needed since each process takes only 1 input channel (see cheatsheet). May need
<pre>process p1 { Step 2: Make sure each p takes 1 input cha </pre>		process pl {	to go back to process definition to make sure the channel inner structures agree.
 Input: file(x) from input When there are n channels, name to the second sec	n" and "into". nultiple output	<pre>input: file(x)</pre>	• Fill in the output names as used in "emit".
with "emit". output: file("head.txt") into output_ch1 file("tail.txt") into output_ch2		<pre>output: file("head.txt") file("tail.txt"), emit: output_ch2</pre>	
<pre>head \$x > head.txt tail \$x > tail.txt</pre>		<pre>""" head \$x > he tail \$x > ta """</pre>	
}		}	
process p2 {		process p2 {	
•••• input: •••••file(y)• from•output_ch2		<pre>input: file(y)</pre>	
<pre>output: val(true) into is_finished</pre>		••••••val(true	e)
gzip \$y		gzip \$y	
}		}	