

# Weave a semi-literate program into Text, Markdown, etc. format

```
1| sub MAIN($input-file,  
2|           Bool :l(:$line-numbers) = True;  
3|           Str :f(:$format) is copy = 'markdown';  
4|           Str :o(:$output-file);  
5|   ) {  
6|     my Str $extension;  
7|     my Str @options;  
8|     my Bool $no-output-file = False;  
9|  
10|    $format .= trim;  
11|    given $format {  
12|      when /:i markdown / {  
13|        $format = 'MarkDown2';  
14|        $extension = 'md';  
15|      };  
16|      when /:i [plain]? t[e]?xt / {  
17|        $format = 'Text';  
18|        $extension = 'txt';  
19|      }  
20|      when /:i html / {  
21|        $format = 'HTML2';  
22|        $extension = 'html';  
23|      }  
24|  
25|      when /:i pdf / {  
26|        $format = 'PDF';  
27|        $extension = '.pdf';  
28|        @options = "--save-as=$output-file" if $output-file;  
29|        $no-output-file = True;  
30|      }  
31|  
32|      default {  
33|        $extension = $format;  
34|      }  
35|    }  
36|  }  
37|  
38|  my Str $f = "Pod::To::$format";  
39|  try require ::($f);  
40|  if ::($f) ~~ Failure {  
41|    die "$format is not a supported output format"  
42|  }  
43|  
44|  my Str $woven = weave($input-file, :$format, :$line-numbers);  
45|  
46|  my ($pod-file, $fh) = tempfile(suffix => '.p6');  
47|  
48|  $pod-file.IO.spurt: $woven;  
49|  
50|  my $output-file-handle = $output-file      ??  
51|                          open(:w, $output-file) !!  
52|                          $*OUT  
53|                          unless $no-output-file;
```

```
54|  
55|     run $*EXECUTABLE,  
56|         "--doc=$format",  
57|         $pod-file,  
58|         @options,  
59|         :out($output-file-handle);  
60|  
61| }  
62|  
63|
```