org-special-block-extras

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1 Example Use

User type something along the lines of the following.

Which generates red text when exported to HTML and LATEX, while supporting Org markup.

This article may be read as a PDF or as HTML or as pure Org!

The remaining sections are implementation matter.

2 Core Utility



Figure 1: Write Org-markup once, generate for many backends ^_^

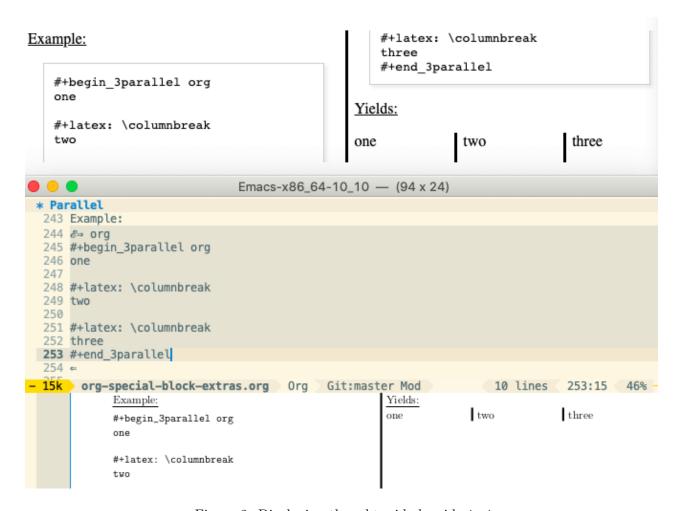


Figure 2: Displaying thoughts side-by-side ^_^

3 Colours

Hibraria blue	This test is blood
#+begin_blue This text is blue!	This text is blue!
#+end_blue	This text is brown!
W. Cita_b cac	This text is brown.
#+begin_brown	This text is cyan!
This text is brown!	
#+end_brown	This text is darkgray!
#+begin_cyan	This text is gray!
This text is cyan!	This text is green!
#+end_cyan	This text is green!
#+begin_darkgray	This text is lightgray!
This text is darkgray!	Tillo toxt to lightgray.
#+end_darkgray	This text is lime!
#+begin_gray	This text is magenta!
This text is gray!	
#+end_gray	This text is olive!
#thegin green	This toyt is orange!
#+begin_green This text is green!	This text is orange!
#+end_green	This text is pink!
g. co	The tent to pinns
#+begin_lightgray	This text is purple!
This text is lightgray!	
#+end_lightgray	This text is red!
#+begin_lime	This text is teal!

This text is black! This text is blue! This text is brown! This text is cyan! This text is darkgray! This text is gray! This text is green! This text is lightgray! This text is lime! This text is magenta! This text is olive! This text is orange! This text is purple! This text is red! This text is teal! This text is violet!

This text is vellow!

```
This text is black!
  This text is blue!
  This text is brown!
  This text is cyan!
  This text is darkgray!
  This text is gray!
  This text is green!
  This text is lightgray!
  This text is magenta!
  This text is olive!
  This text is orange!
  This text is purple!
  This text is red!
  This text is teal!
  This text is violet!
;; Load support for 19 colour custom blocks
(defvar org-special-block-extras--colors
  '(black blue brown cyan darkgray gray green lightgray lime
         magenta olive orange pink purple red teal violet white
         yellow)
 "Colours that should be available on all systems.")
(loop for colour in org-special-block-extras--colors
     do (eval (read (format
                     "(defun org-special-block-extras--%s (backend contents)
                    (format (pcase backend
                    ('latex \"\\\begingroup\\\color{%s}%%s\\\endgroup\")
                    ('html \"div style=\\\color:%s;\\\">\%s</div>\")
                            \"org-special-block-extras: Unsupported backend\"))
                    contents))"
                     colour colour colour))))
   Parallel
```

4

Example:	Yields:	_	_
<pre>#+begin_3parallel org one</pre>	one	two	three
<pre>#+latex: \columnbreak two</pre>			
<pre>#+latex: \columnbreak three</pre>			
#+end_3parallel			

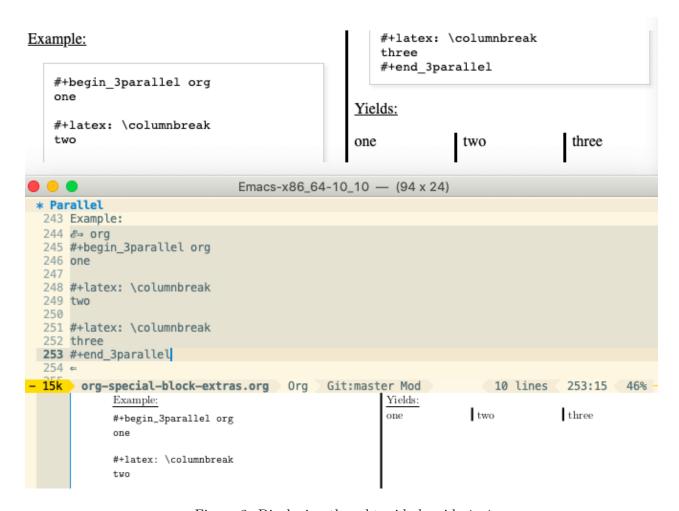


Figure 3: Displaying thoughts side-by-side ^_^

I initially used the names paralell<n> but names ending with a number did not inherit highlighting, so I shifted the number to being a prefix instead.

• For LATEX, new lines are used to suggest opportunities for column breaks and are needed even if explicit columnbreaks are declared.

```
;; Parallel blocks: parallel<n>[NB] for n:2..5, optionally with 'N'o 'b'ar
;; in-between the columns.
;;
;; Common case is to have three columns, and we want to avoid invoking the
;; attribute via org, so making this.
(loop for cols in '("1" "2" "3" "4" "5")
     do (loop for rule in '("solid" "none")
     do (eval (read (concat
"(defun org-special-block-extras--" cols "parallel"
(if (equal rule "solid") "" "NB")
"(backend contents)"
"(format (pcase backend"
"('html \"<div style=\\\"column-rule-style:" rule ";column-count:" cols ";\\\"%s</div>\")"
"('latex \"\\\par \\\\setlength{\\\\columnseprule}{" (if (equal rule "solid") "2" "0") "pt}"
          \\\begin{minipage}[t]{\\\linewidth}"
          \\\begin{multicols}{" cols "}"
п
          %s"
          \\\end{multicols}\\\end{minipage}\")) contents))"))))
(defalias #'org-special-block-extras--parallel #'org-special-block-extras--2parallel)
(defalias #'org-special-block-extras--parallelNB #'org-special-block-extras--2parallelNB)
       ( The Emacs Web Wowser, M-x eww, does not display parallel environments as desired. )
```