

Testing the **coder** package

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March 21, 2022

1 Have **pygments**?

```
Path=/Users/jlaurens/opt/anaconda3/bin/pygmentize
WITH PYGMENTS
Path=/Users/jlaurens/opt/anaconda3/bin/python
```

2 Sandbox

3 Testing the tag mechanism

4 `\CDR_tag_choices_set:`

5 `\CDR_tag_boolean_set:`

6 `int`

7 `\CDRSet`

8 `\CDRCode`

9 `CDRBlock`

9.1 Line numbering

9.1.1 **fancyvrb** linear

CDRSet:

- `pygments=false`

A

Block options:

- `tags=none`

- numbers=none

A

Block options:

- tags=none
- numbers=left
- firstnumber=last

1 A
2 B
3 C

Block options:

- tags=none
- numbers=left
- firstnumber=last

4 A
5 B
6 C

Block options:

- tags=none
- numbers=left
- firstnumber=last

7 A
8 B
9 C

9.1.2 fancyvrb multi tags

CDRSet:

- pygments=false

Block options:

- tags={A,B,C}
- numbers=left
- firstnumber=last

1 A=*1,B=1,C=1

Block options:

- tags={B,C}
- numbers=left
- firstnumber=last

2 A=2,B=*2,C=2

3 A=2,B=*3,C=3

Block options:

- tags=C
- numbers=left
- firstnumber=last

4 A=2,B=4,C=*4

5 A=2,B=4,C=*5

Block options:

- tags={C, B}
- numbers=left
- firstnumber=last

6 A=2,B=4,C=*6

7 A=2,B=5,C=*7

8 A=2,B=6,C=*8

Block options:

- tags={B, A}
- numbers=left
- firstnumber=last

7 A=2,B=*7,C=9

8 A=3,B=*8,C=9

9 A=4,B=*9,C=9

Block options:

- tags={A,C}
- numbers=left
- firstnumber=last

5 A=*5,B=10,C=9

6 A=*6,B=10,C=10

7 A=*7,B=10,C=11

9.1.3 fancyvrb properties

Block options:

- `pygments=false`
- `tags=none`
- `numbers=left`
- `firstnumber=last`

10 A
11 B
12 C

9.1.4 Display tags

tests start here:

PYGMENTS:true

CDRSet:

- tags={NONE,ENON}
- pygments=true
- lang=lua
- numbers=right
- debug=true
- show tags = none
- firstnumber = 33

PYGMENTS:true

TAGS:NONE,ENON

TAGS:NONE,ENON

Block options:

- stepnumber=1

```
function foo(arg) return 0 end
```

33

NONE:34

ENON:34

Block options:

- stepnumber=1
- firstnumber = last

```
function foo(arg) -- no tags expected
```

34

2

35

3

36

4

37

5

38

6

39

```
end
```

40

NONE:41

ENON:41

Block options:

- stepnumber=1
- firstnumber = auto

```
function foo(arg) -- no tags expected 1
2
3
4
5
6
end 7
```

NONE:8
ENON:8

Block options:

- pygments
- lang=lua
- numbers=none
- debug
- show tags=none
- only top=false

```
function foo(arg) -- no tags expected
-- second line
-- third line
-- fourth line
-- fifth line
return arg ** arg
end
```

Block options:

- fontfamily=menlo
- fontsize=\large
- pygments=true
- lang=lua
- numbers=left
- debug=true
- show tags
- only top=false

NONE,ENON: 33 **function** foo(arg) **return** arg ** arg **end** -- tags expected

Block options:

- tags={whatever it isp,we are the champions}

- fontfamily=menlo
- fontsize=\large
- pygments=true
- lang=lua
- numbers=left
- debug=true
- show tags
- only top

whatever it
isp, we are the
champions: 33

```
function foo(arg) return arg ** arg end -- tags expected
```

Block options:

- pygments
- lang=lua
- numbers=none
- debug
- showspace
- show tags=none
- only top=false

```
function foo(arg) -- no tags expected
-- second line
-- third line
-- fourth line
-- fifth line
return arg ** arg
end
```

9.1.5 Exhaustive test

CDRSet:

- pygments
- lang=lua
- tags=WHAT
- only top=false

Block options:

- show tags=none

- numbers=None

- stepnumber=1

```
function foo(arg) return arg ** arg end
```

CDRSet:

- show tags=mirror

- numbers=None

- stepnumber=0

```
function foo(arg) return arg ** arg end
```

CDRSet:

- firstnumber=last

```
function foo(arg)
  -- second line
  -- third line
  -- fourth line
  -- fifth line
  return arg ** arg
end
```

CDRSet:

- show tags=mirror

- numbers=None

- stepnumber=1

```
function foo(arg) return arg ** arg end
```

CDRSet:

- firstnumber=last

```
function foo(arg)
  -- second line
  -- third line
  -- fourth line
  -- fifth line
  return arg ** arg
end
```

CDRSet:

- show tags=mirror

- numbers=None


```

    • stepnumber=5

function foo(arg) return arg ** arg end

CDRSet:
    • firstnumber=last

function foo(arg)
  -- second line
  -- third line
  -- fourth line
  -- fifth line
  return arg ** arg
end

CDRSet:
    • show tags=mirror
    • numbers=left
    • stepnumber=0
1 function foo(arg) return arg ** arg end : WHAT

CDRSet:
    • firstnumber=last

2 function foo(arg) : WHAT
3   -- second line
4   -- third line
5   -- fourth line
6   -- fifth line
7   return arg ** arg
8 end

CDRSet:
    • show tags=mirror
    • numbers=left
    • stepnumber=1
1 function foo(arg) return arg ** arg end : WHAT

CDRSet:
    • firstnumber=last

2 function foo(arg) : WHAT
3   -- second line
4   -- third line
5   -- fourth line
6   -- fifth line
7   return arg ** arg
8 end

```

CDRSet:

- show tags=mirror
- numbers=left
- stepnumber=5

```
1 function foo(arg) return arg ** arg end : WHAT
```

CDRSet:

- firstnumber=last

```
2 function foo(arg) : WHAT
3 -- second line
4 -- third line
5 -- fourth line
6 -- fifth line
7 return arg ** arg
8 end
```

CDRSet:

- show tags=mirror
- numbers=right
- stepnumber=0

```
WHAT: function foo(arg) return arg ** arg end 1
```

CDRSet:

- firstnumber=last

```
WHAT: function foo(arg) 2
-- second line 3
-- third line 4
-- fourth line 5
-- fifth line 6
return arg ** arg 7
end 8
```

CDRSet:

- show tags=mirror
- numbers=right
- stepnumber=1

```
WHAT: function foo(arg) return arg ** arg end 1
```

CDRSet:

- firstnumber=last

```
WHAT: function foo(arg) 2
      -- second line    3
      -- third line     4
      -- fourth line    5
      -- fifth line     6
      return arg ** arg 7
end 8
```

CDRSet:

- show tags=mirror
- numbers=right
- stepnumber=5

```
WHAT: function foo(arg) return arg ** arg end 1
```

CDRSet:

- firstnumber=last

```
WHAT: function foo(arg) 2
      -- second line    3
      -- third line     4
      -- fourth line    5
      -- fifth line     6
      return arg ** arg 7
end 8
```

10 \CDRExport