Testing the coder package

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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

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

Block options:

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

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

Block options:

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

```
A=2,B=4,C=*6
A=2,B=5,C=*7
A=2,B=6,C=*8
```

Block options:

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

```
A=2,B=*7,C=9
A=3,B=*8,C=9
A=4,B=*9,C=9
```

Block options:

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

```
A=*5,B=10,C=9
A=*6,B=10,C=10
A=*7,B=10,C=11
```

9.1.3 fancyvrb properties

Block options:

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

```
A
B
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`

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

NONE:34
ENON:34

Block options:

- `stepnumber=1`
- `firstnumber = last`

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

NONE:41
ENON:41

Block options:

- `stepnumber=1`
- `firstnumber = auto`

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

NONE:8
ENON:8

Block options:

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

```lua
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

```lua
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

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

Block options:

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

```lua
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

Block options:

- show tags=none
- numbers=none
- stepnumber=1

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

CDRSet:

- show tags=none
- numbers=none
- stepnumber=0

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

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

CDRSet:

- show tags=none
- numbers=none
- stepnumber=1

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

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

CDRSet:

- show tags=none
- numbers=none
- stepnumber=5

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

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

CDRSet:

- show tags=none
- numbers=left
- stepnumber=0

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

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

CDRSet:

- show tags=none
- numbers=left
- stepnumber=1

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

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

CDRSet:

- show tags=none
- numbers=left
- stepnumber=5

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

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

CDRSet:

- show tags=none
- numbers=right
- stepnumber=0

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

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

CDRSet:

- show tags=none
- numbers=right
- stepnumber=1

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

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

CDRSet:

- show tags=none
- numbers=right
- stepnumber=5

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

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

CDRSet:

- show tags=left

- numbers=none
- stepnumber=0

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

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

CDRSet:

- show tags=left
- numbers=none
- stepnumber=1

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

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

CDRSet:

- show tags=left
- numbers=none
- stepnumber=5

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

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

CDRSet:

- show tags=left
- numbers=left

- stepnumber=0

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

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

CDRSet:

- show tags=left
- numbers=left
- stepnumber=1

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

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

CDRSet:

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

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

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

CDRSet:

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

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

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

CDRSet:

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- numbers=right
- stepnumber=1

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CDRSet:

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

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

CDRSet:

- show tags=right
- numbers=none
- stepnumber=0

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

CDRSet:

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

CDRSet:

- show tags=right
- numbers=none
- stepnumber=5

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

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

CDRSet:

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

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

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

CDRSet:

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

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

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

CDRSet:

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

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

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

CDRSet:

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

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

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

CDRSet:

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

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

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

CDRSet:

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

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

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

CDRSet:

- show tags=numbers
- numbers=none
- stepnumber=0

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

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

CDRSet:

- show tags=numbers
- numbers=none
- stepnumber=1

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

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

CDRSet:

- show tags=numbers
- numbers=none
- stepnumber=5

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

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

CDRSet:

- show tags=numbers
- numbers=left
- stepnumber=0

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

```
function foo(arg)
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  -- third line
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  -- fifth line
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end
```

CDRSet:

- show tags=numbers
- numbers=left
- stepnumber=1

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end
```

CDRSet:

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

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

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

CDRSet:

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

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

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

CDRSet:

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

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

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

CDRSet:

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

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

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

10 \CDRExport