

[illegible]

```
Codeblock class: imprg
```

Class ``ImPrg`` processes a codeblock using the (required) ``im_prg`` option.

This runs `<im_prg parts> <fname>.imgprg {im_opt} <fname>.{im_fmt}`

The ``im_prg`` option value is split before feeding it to the command-line (hence the ``parts`` above) so options can be given to the actual program the ``im_prg`` option refers to. If a codeblock's class is ``imprg`` and it has no ``im_prg`` option set, the codeblock will be retained as an anonymous fenced codeblock with an error message included below. (See [examples/imprg.md](#)).

Example:

```

```{.imprg im_prg="nice -n 10"}
  #!/usr/bin/bash
  code here...
```

```

```
runs:
```

```
> <im_prg parts> <fname>.imprg {im_opt} <fname>.{im_fmt}
```

```
class->cmd
  imprg ->
```

## Metadata options

```

imagine.im_out: img, fcb
imagine.imprg.im_out: stdout, fcb

```

```
imagine.imprg.im_log: 4
```

Notes:

- first note

## ImPrg, without im\_prg set

```
```imprg
#!/bin/bash
cat << 'EOF' | boxes -d peek -ph4v1
This codeblock is missing the required `im_prg`
option for the class `imprg`
    -- Imagine
EOF
```
```

**\*\* [Imagine] error: class `imprg` requires the `im\_prg` option to be set on codeblock**

## ImPrg, with im\_prg

```
/*      _\|/_
      (o o)
+-----o00-{_}-00o-----+
|                                     |
|      Kindness is how you treat those who      |
|      can do nothing for you.                  |
|                                     -- Unknown   |
|                                     |             |
+-----+*/

```{.imprg im_prg="nice -n 10"}
#!/bin/bash
cat << 'EOF' | boxes -d peek -ph4v1
Kindness is how you treat those who
can do nothing for you.
                                -- Unknown

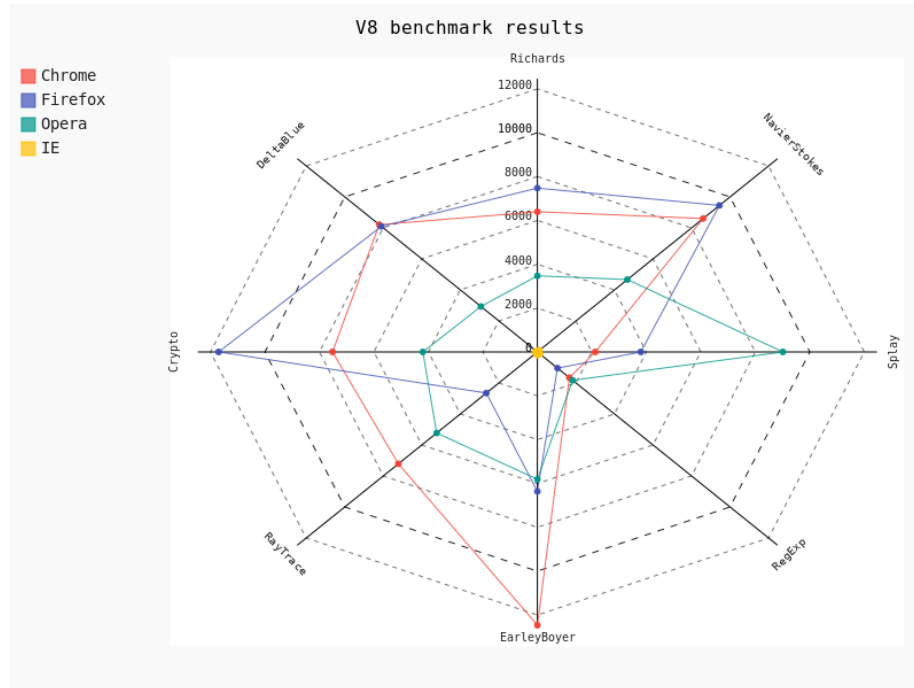
EOF
```
```

## ImPrg, with im\_prg plus im\_opt

```
/*      _\|/_
      (o o)
+-----o00-{_}-00o-----+
|                                     |
|   Don't wait. The time will never be   |
|   just right.                           |
|                                     -- Mark Twain   |
|                                     |
+-----*/

```{.imprg im_prg="nice -n 10" im_opt="Mark Twain"}
#!/bin/bash
cat << EOF | boxes -d peek -ph4v1
Don't wait. The time will never be
just right.
                                     -- $1 $2
EOF
```
```

## ImPrg, with im\_prg and python



```
```{.imprg im_prg="nice -n 10" im_opt="V8 benchmark results" im_out="img,fcb"}
#!/usr/bin/env python3
import sys, pygal

radar_chart = pygal.Radar()
radar_chart.title = " ".join(sys.argv[1:4])
radar_chart.x_labels = ['Richards', 'DeltaBlue', 'Crypto', 'RayTrace',
                        'EarleyBoyer', 'RegExp', 'Splay', 'NavierStokes']
radar_chart.add('Chrome', [6395, 8212, 7520, 7218, 12464, 1660, 2123, 8607])
radar_chart.add('Firefox', [7473, 8099, 11700, 2651, 6361, 1044, 3797, 9450])
radar_chart.add('Opera', [3472, 2933, 4203, 5229, 5810, 1828, 9013, 4669])
radar_chart.add('IE', [43, 41, 59, 79, 144, 136, 34, 102])
# radar_chart.render()
radar_chart.render_to_png(sys.argv[-1])
```
```

## ImPrg, command line

```
pd-images/a346143c588b2b49ebbf0ab35c015d58c71f2ab6.imprg opt1 opt2 pd-images/a346143c588b2b49ebbf0ab35c015d58c71f2ab6.imprg
```{.imprg im_prg="nice -n 10" im_opt="opt1 opt2" im_out="stdout,fcb"}
#!/usr/bin/env python3
import sys

print(" ".join(sys.argv))
```
```