tmux

- Many-in-one
- Various layouts
- Session separate from emulator
- Scriptable

wat?

```
18              io_loop.add_handler(sock.fileno(), callback, io
17              io_loop.start()
16
15      .. testoutput::
14          :hide:
13
12      By default, a newly-constructed `IOLoop` becomes the th
11      `IOLoop`, unless there already is a current `IOLoop`. T
10      can be controlled with the ``make_current`` argument to
 9      constructor: if ``make_current=True``, the new `IOLoop`
 8      try to become current and it raises an error if there i
 7      current instance. If ``make_current=False``, the new `I
 6      not try to become current.
 5
 4      .. versionchanged:: 4.2
 3          Added the ``make_current`` keyword argument to the `
 2          constructor.
 1      """
127     # Constants from the epoll module
 1      _EPOLLIN = 0x001
 2      _EPOLLPRI = 0x002
 3      _EPOLLOUT = 0x004
 4      _EPOLLERR = 0x008
 5      _EPOLLHUP = 0x010
 6      _EPOLLRDHUP = 0x2000
 7      _EPOLLONESHOT = (1 << 30)
 8      _EPOLLET = (1 << 31)
 9
10      # Our events map exactly to the epoll events
11      NONE = 0
12      READ = _EPOLLIN
13      WRITE = _EPOLLOUT
14      ERROR = _EPOLLERR | _EPOLLHUP
15
16      # Global lock for creating global IOLoop instance
17      _instance_lock = threading.Lock()
18
19      _current = threading.local()
20
21      @staticmethod
22      def instance():
23          """Returns a global `IOLoop` instance.
```

```
ioloop.py                          127,23          10%
```

```
draje@sol:/h/draje/Code/GitHub/tornadoweb/tornado/tornado/ioloop.py
.git        concurrent.pyc    19.8 K   #!/usr/bin/env python
demos       curl_httpclien~   21.7 K   #
docs        escape.py         14.1 K   # Copyright 2009 Facebook
maint       gen.py            43.1 K   #
torna~      http1connectio~   30.6 K   # Licensed under the Apache License,
.cove~      httpclient.py     26.5 K   # not use this file except in compli
.giti~      httpserver.py     11.6 K   # a copy of the License at
.trav~      httputil.py       28.5 K   #
appve~      ioloop.py         40.3 K   #      http://www.apache.org/licenses
LICEN~      iostream.py       63.7 K   #
MANIF~      locale.py         19.8 K   # Unless required by applicable law
READM~      locks.py          14.9 K   # distributed under the License is d
runte~      log.py            10.8 K   # WARRANTIES OR CONDITIONS OF ANY KI
setup~      netutil.py          20 K   # License for the specific language
tox.i~      options.py        20.8 K   # under the License.
            process.py          12 K
            queues.py         9.78 K   """An I/O event loop for non-blockin
            simple_httpcli~   24.1 K
            speedups.c        1.05 K   Typical applications will use a sing
            speedups.pyi        59 B   `IOLoop.instance` singleton.  The `I
            stack_context.~   12.9 K   be called at the end of the ``main()
            tcpclient.py      6.64 K   use more than one `IOLoop`, such as
            tcpserver.py      11.3 K   case.
            template.py       34.5 K
-rw-r--r-- 1 draje users 40.3K          804K sum, 208G free  17/37  62%
```
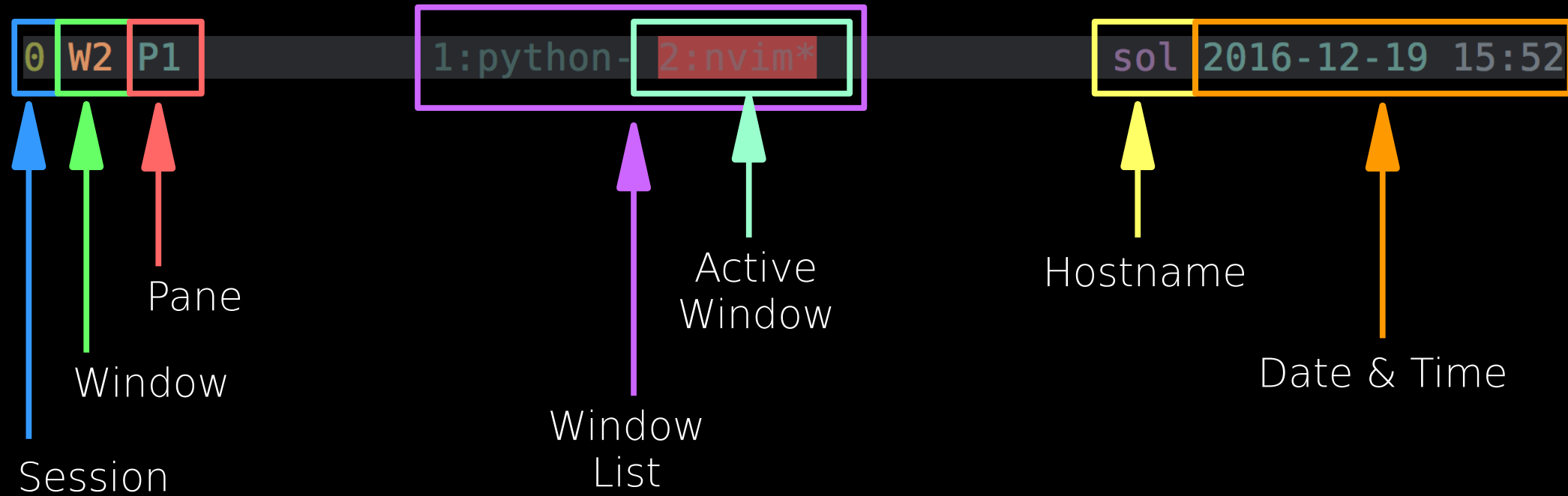
```
draje.sol                                                          ~
```

```
0 W1 P3                      1:tornado* 2:lol- 3:rofl    sol 2016-12-20 10:17
```

panes

windows

sessions

Status Bar

`0` `W2` `P1`   `1:python-` `2:nvim*`   `sol` `2016-12-19 15:52`

Session

Window

Pane

Window List

Active Window

Hostname

Date & Time

The *Prefix*

- Entered before tmux shortcuts
  - Creating new window
  - Switching panes
  - Etc.
- Typically *Control+b*
- Often remapped to *Control+a*

begin

nvllsvm