The new life of bugs.python.org

Maciej Szulik / @soltysk
<table>
<thead>
<tr>
<th>ID</th>
<th>Activity</th>
<th>Title</th>
<th>Status</th>
<th>Creator</th>
<th>Assigned To</th>
<th>Type</th>
<th>Msgs</th>
</tr>
</thead>
<tbody>
<tr>
<td>32436</td>
<td>just now</td>
<td>Implement PEP 567</td>
<td>open</td>
<td>yselivanov</td>
<td>yselivanov</td>
<td>enhancement</td>
<td>8</td>
</tr>
<tr>
<td>32638</td>
<td>1/4 hour ago</td>
<td>Android: set sys.platform to android</td>
<td>open</td>
<td>vstinner</td>
<td>vstinner</td>
<td>behavior</td>
<td>2</td>
</tr>
<tr>
<td>32202</td>
<td>1/2 an hour ago</td>
<td>[ctypes] test_struct_by_value fails on android-24-arm64</td>
<td>open</td>
<td>xdegaye</td>
<td>xdegaye</td>
<td>behavior</td>
<td>1</td>
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<tr>
<td>32140</td>
<td>1/2 an hour ago</td>
<td>Implement loop.sock_sendfile method</td>
<td>open</td>
<td>xdegaye</td>
<td>xdegaye</td>
<td>behavior</td>
<td>1</td>
</tr>
<tr>
<td>32638</td>
<td>1/4 hour ago</td>
<td>[ctypes] all long double tests fail on android-24-x86_64</td>
<td>open</td>
<td>xdegaye</td>
<td>xdegaye</td>
<td>behavior</td>
<td>1</td>
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<tr>
<td>32612</td>
<td>4 hours ago</td>
<td>distutils test errors with AIX and xlc</td>
<td>open</td>
<td>asvetlov</td>
<td>asvetlov</td>
<td>behavior</td>
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<tr>
<td>11191</td>
<td>2 hours ago</td>
<td>test_search_cpp error on AIX (with xlc)</td>
<td>open</td>
<td>sable</td>
<td>sable</td>
<td>behavior</td>
<td>6</td>
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<tr>
<td>32636</td>
<td>3 hours ago</td>
<td>test_asyncio fails with PYTHONASYNCIODEBUG=1</td>
<td>open</td>
<td>vstinner</td>
<td>vstinner</td>
<td>behavior</td>
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<tr>
<td>32635</td>
<td>6 hours ago</td>
<td>test_crypt segfaults when using libcrypt instead of libcrypt</td>
<td>open</td>
<td>cstratak</td>
<td>cstratak</td>
<td>behavior</td>
<td>2</td>
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<tr>
<td>32493</td>
<td>6 hours ago</td>
<td>UUID Module - FreeBSD build failure</td>
<td>open</td>
<td>David Carlier</td>
<td>David Carlier</td>
<td>behavior</td>
<td>18</td>
</tr>
<tr>
<td>32072</td>
<td>10 hours ago</td>
<td>Issues with binary plists</td>
<td>open</td>
<td>serhiy.storchaka</td>
<td>serhiy.storchaka</td>
<td>security</td>
<td>7</td>
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<tr>
<td>32551</td>
<td>10 hours ago</td>
<td>Zipfile &amp; directory execution in 3.5.4 also adds the parent directory to sys.path</td>
<td>open</td>
<td>nedbat</td>
<td>nedbat</td>
<td>behavior</td>
<td>12</td>
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<tr>
<td>32563</td>
<td>11 hours ago</td>
<td>-Werror=declaration-after-statement expat build failure on Python 3.5</td>
<td>open</td>
<td>ncoghlan</td>
<td>ncoghlan</td>
<td>compile error</td>
<td>5</td>
</tr>
</tbody>
</table>
Get the app in a container
docker run python/docker-bpo

https://github.com/python/docker-bpo
Builder image
Source-to-Image

https://github.com/openshift/source-to-image
https://github.com/python/bpo-builder
Database
oc cluster up

Put it all together

and enjoy
Initial build

Finished successfully
Initial deployment

WARNING: The database is already initialised!
If you re-initialise it, you will lose all the data!
Traceback (most recent call last):
  File "/opt/tracker/bin/roundup-admin", line 15, in <module>
    run()
  File "/opt/tracker/roundup/roundup/scripts/roundup_admin.py", line 49, in run
    sys.exit(tool.main())
  File "/opt/tracker/roundup/roundup/admin.py", line 1635, in main
    ret = self.run_command(args)
  File "/opt/tracker/roundup/roundup/admin.py", line 1504, in run_command
    return self.do_initialise(self.tracker_home, args)
  File "/opt/tracker/roundup/roundup/admin.py", line 536, in do_initialise
    Erase it? Y/N: ""))
EOFError: EOF when reading a line
Traceback (most recent call last):
  File "/opt/tracker/bin/roundup-server", line 11, in <module>
    run()
  File "/opt/tracker/roundup/roundup/scripts/roundup_server.py", line 978, in run
    httpd = config.get_server()
  File "/opt/tracker/roundup/roundup/scripts/roundup_server.py", line 633, in get_server
    for (name, home) in tracker_homes]
  File "/opt/tracker/roundup/roundup/instance.py", line 327, in open
    return Tracker(tracker_home, optimize=optimize)
  File "/opt/tracker/roundup/roundup/instance.py", line 102, in __init__
    self.detectors = self.get_extensions('detectors')
  File "/opt/tracker/roundup/roundup/instance.py", line 207, in get_extensions
    self._execfile(os.path.join(dirname, name), env)
  File "/opt/tracker/roundup/roundup/instance.py", line 239, in _execfile
    self._exec(self._compile(fname), env)
  File "/opt/tracker/roundup/roundup/instance.py", line 233, in _exec
    exec(obj, env)
  File "/opt/tracker/python-dev/detectors/autonosy.py", line 8, in <module>
    from roundup.anypy.sets_ import set
ImportError: No module named sets_
Initial deployment cont’d

**Traceback**

Traceback (most recent call last):
  File "/opt/tracker/roundup/roundup/hyperdb.py", line 1442, in fireReactors
    react(self.db, self, nodeid, oldvalues)
  File "/opt/tracker/python-dev/detectors/sendmail.py", line 113, in sendmail
    cl.send_message(nodeid, msgid, changenote, sendto)
  File "/opt/tracker/roundup/roundup/roundupdb.py", line 662, in send_message
    mailer.smtp_send(sendto, send_msg.as_string())
  File "/opt/tracker/roundup/roundup/mailer.py", line 285, in smtp_send
    open(self.debug, 'a').write("%s\nFROM: %s\nTO: %s\n\n\n" %
IOError: [Errno 13] Permission denied: '/opt/tracker/python-dev/debugmail.txt'
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Download as CSV
Re-display
Configuration

Traceback (most recent call last):
  File "/opt/tracker/bin/roundup-server", line 11, in <module>
    run()
  File "/opt/tracker/roundup/roundup/scripts/roundup_server.py", line 978, in run
    httpd = config.get_server()
  File "/opt/tracker/roundup/roundup/scripts/roundup_server.py", line 633, in get_server
    for (name, home) in tracker_homes):
  File "/opt/tracker/roundup/roundup/instance.py", line 327, in open
    return Tracker(tracker_home, optimize=optimize)
  File "/opt/tracker/roundup/roundup/instance.py", line 95, in __init__
    self.templates.precompile()
  File "/opt/tracker/roundup/roundup/cgi/templating.py", line 182, in precompile
    for filename in os.listdir(self.dir):
  OSError: [Errno 2] No such file or directory: '/opt/tracker/python-dev/html'
http://test.bugs.python.org
Database

part 2
Database on OpenShift

https://github.com/CrunchyData/crunchy-containers

https://github.com/zalando/patroni
What's next?