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Commit cc02351



ambv authored last week · ✖ 65 / 78 · Verified

[3.12] [gh-143930](#): Tweak the exception message and increase test coverage ([GH-146476](#)) ([GH-148045](#)) ([GH-148051](#))

(cherry picked from commit [89bf88e](#))

(cherry picked from commit [3681d47](#))

3.12 (#148051)

1 parent [c77823d](#) commit cc02351

3 files changed +77 -8 lines changed

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3 files changed +77 -8 lines changed

```

v Lib/test/test_webbrowser.py
... @@ -1,6 +1,7 @@
1 + import io
2 + import os
1 3 import webbrowser
2 4 import unittest
3 - import os

```

```

4     5     import sys
5     6     import subprocess
6     7     from unittest import mock
@@ -49,6 +50,14 @@ def _test(self, meth, *, args=[URL], kw={}, options,
arguments):
49    50         popen_args.pop(popen_args.index(option))
50    51         self.assertEqual(popen_args, arguments)
51    52
53    +     def test_reject_dash_prefixes(self):
54    +         browser = self.browser_class(name=CMD_NAME)
55    +         with self.assertRaisesRegex(
56    +             ValueError,
57    +             r"^Invalid URL \(leading dash disallowed\): '--key=val http.*'$"):
58    +             ):
59    +                 browser.open(f"--key=val {URL}")
60    +
52    61
53    62     class GenericBrowserCommandTest(CommandTestMixin, unittest.TestCase):
54    63
@@ -59,11 +68,6 @@ def test_open(self):
59    68         options=[],
60    69         arguments=[URL])
61    70
62    -     def test_reject_dash_prefixes(self):
63    -         browser = self.browser_class(name=CMD_NAME)
64    -         with self.assertRaises(ValueError):
65    -             browser.open(f"--key=val {URL}")
66    -
67    71
68    72     class BackgroundBrowserCommandTest(CommandTestMixin, unittest.TestCase):
69    73
@@ -224,6 +228,71 @@ def test_open_new_tab(self):
224   228         arguments=['openURL({}, new-tab)'.format(URL)]
225   229
226   230
231   +     class MockPopenPipe:
232   +         def __init__(self, cmd, mode):
233   +             self.cmd = cmd
234   +             self.mode = mode

```

```
235 +         self.pipe = io.StringIO()
236 +         self._closed = False
237 +
238 +     def write(self, buf):
239 +         self.pipe.write(buf)
240 +
241 +     def close(self):
242 +         self._closed = True
243 +         return None
244 +
245 +
246 + @unittest.skipUnless(sys.platform == "darwin", "macOS specific test")
247 + class MacOSXOSAScriptTest(unittest.TestCase):
248 +     def setUp(self):
249 +         # Ensure that 'BROWSER' is not set to 'open' or something else.
250 +         # See: https://github.com/python/cpython/issues/131254.
251 +         env = self.enterContext(os_helper.EnvironmentVarGuard())
252 +         env.unset("BROWSER")
253 +
254 +         support.patch(self, os, "popen", self.mock_popen)
255 +         self.browser = webbrowser.MacOSXOSAScript("default")
256 +
257 +     def mock_popen(self, cmd, mode):
258 +         self.popen_pipe = MockPopenPipe(cmd, mode)
259 +         return self.popen_pipe
260 +
261 +     def test_default(self):
262 +         browser = webbrowser.get()
263 +         assert isinstance(browser, webbrowser.MacOSXOSAScript)
264 +         self.assertEqual(browser.name, "default")
265 +
266 +     def test_default_open(self):
267 +         url = "https://python.org"
268 +         self.browser.open(url)
269 +         self.assertTrue(self.popen_pipe._closed)
270 +         self.assertEqual(self.popen_pipe.cmd, "osascript")
271 +         script = self.popen_pipe.pipe.getvalue()
272 +         self.assertEqual(script.strip(), f'open location "{url}"')
273 +
274 +     def test_url_quote(self):
```

```

275 +         self.browser.open('https://python.org/"quote"')
276 +         script = self.popen_pipe.pipe.getvalue()
277 +         self.assertEqual(
278 +             script.strip(), 'open location "https://python.org/%22quote%22"'
279 +         )
280 +
281 +     def test_explicit_browser(self):
282 +         browser = webbrowser.MacOSXOSAScript("safari")
283 +         browser.open("https://python.org")
284 +         script = self.popen_pipe.pipe.getvalue()
285 +         self.assertIn('tell application "safari"', script)
286 +         self.assertIn('open location "https://python.org"', script)
287 +
288 +     def test_reject_dash_prefixes(self):
289 +         with self.assertRaisesRegex(
290 +             ValueError,
291 +             r"^Invalid URL \(leading dash disallowed\): '--key=val http.*'$"):
292 +             self.browser.open(f"--key=val {URL}")
293 +
294 +
295 +
296 class BrowserRegistrationTest(unittest.TestCase):
297
298     def setUp(self):

```



Lib/webbrowser.py



```

@@ -162,7 +162,7 @@ def open_new_tab(self, url):
162 162     def _check_url(url):
163 163         """Ensures that the URL is safe to pass to subprocesses as a
164 164         parameter"""
165 164         if url and url.lstrip().startswith("-"):
165 -             raise ValueError(f"Invalid URL: {url}")
165 +             raise ValueError(f"Invalid URL (leading dash disallowed): {url!r}")
166 166
167 167
168 168     class GenericBrowser(BaseBrowser):

```



```
...6-01-16-12-04-49.gh-issue-143930.zYC5x3.rst
```

...	@@ -1 +1 @@
1	- Reject leading dashes in URLs passed to <code>:func:`webbrowser.open`</code>
1	+ Reject leading dashes in URLs passed to <code>:func:`webbrowser.open`</code> .

Comments 0