

python / cpython Public

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# gh-143930: Reject leading dashes in webbrowser URLs #143931

Merged sethmlarson merged 1 commit into python:main from sethmlarson:reject-leading-dash-w... 3 weeks ago

Conversation 11 Commits 1 Checks 75 Files changed 3

sethmlarson commented on Jan 16 • edited by bedevere-app bot Contributor

- Issue: [Reject leading dashes in webbrowser.open\(\) #143930](#)

pythongh-143930: Reject leading dashes in webbrowser URLs ✓ b0fa074

sethmlarson requested a review from gpshead 3 months ago

sethmlarson added type-security needs backport to 3.10 stdlib needs backport to 3.11 needs backport to 3.12 needs backport to 3.13 needs backport to 3.14 labels on Jan 16

bedevere-app bot mentioned this pull request on Jan 16 **Reject leading dashes in webbrowser.open() #143930** Closed

bedevere-app bot added the awaiting review label on Jan 16

Yhg1s commented on Jan 19 Member


What about / or other common option prefixes?

**sethmlarson** commented [on Jan 19](#)

Contributor

Author

[@Yhg1s](#) I'm concerned that there are use-cases for calling `webbrowser.open()` on paths, so we'd have to be more cautious in this case. Another option I suggested was to percent-encode spaces?

  **gpshead** approved these changes [on Jan 24](#)

[View reviewed changes](#)

 **bedevere-app** bot added `awaiting merge` and removed `awaiting review` labels [on Jan 24](#)

**gpshead** commented [on Jan 24](#)

Member


on windows a '/' prefix is typically a command line flag - does it actually work as an absolute current drive path on edge/chrome/firefox? to be a url for that it really should be "file://"

**sethmlarson** commented [3 weeks ago](#)


Contributor

Author

Yeah we currently support opening absolute paths via `/index.html` as a URL. Maybe we want to deprecate this in favor of forcing folks to use `file://` but doing so here would result in breakages most likely. Let's move forward with only leading dashes for now.

 **sethmlarson** merged commit `82a24a4` into `python:main` [3 weeks ago](#)  
67 checks passed


[View details](#)

 **bedevere-app** bot removed the `awaiting merge` label [3 weeks ago](#)

**miss-islington-app** bot commented [3 weeks ago](#)

Thanks [@sethmlarson](#) for the PR 🍷🎉.. I'm working now to backport this PR to: 3.10, 3.11, 3.12, 3.13, 3.14.



  **sethmlarson** deleted the `reject-leading-dash-webbrowser-open` branch [3 weeks ago](#)

**miss-islington-app** bot commented [3 weeks ago](#)

Sorry, [@sethmlarson](#), I could not cleanly backport this to `3.12` due to a conflict.  
Please backport using [cherry\\_picker](#) on command line.

```
cherry_picker 82a24a4442312bdcfc4c799885e8b3e00990f02b 3.12
```



  **miss-islington-app** bot assigned [sethmlarson](#) [3 weeks ago](#)

**miss-islington-app** bot commented [3 weeks ago](#)

Sorry, [@sethmlarson](#), I could not cleanly backport this to `3.11` due to a conflict.  
Please backport using [cherry\\_picker](#) on command line.

```
cherry_picker 82a24a4442312bdcfc4c799885e8b3e00990f02b 3.11
```



**miss-islington-app** bot commented [3 weeks ago](#)

Sorry, [@sethmlarson](#), I could not cleanly backport this to `3.10` due to a conflict.  
Please backport using [cherry\\_picker](#) on command line.

```
cherry_picker 82a24a4442312bdcfc4c799885e8b3e00990f02b 3.10
```



**bedevere-app** bot commented [3 weeks ago](#)

[GH-146364](#) is a backport of this pull request to the [3.11 branch](#).

  **bedevere-app** bot removed the `needs backport to 3.11` label [3 weeks ago](#)

**bedevere-app** (bot) commented 3 weeks ago

[GH-146364](#) is a backport of this pull request to the [3.11 branch](#).

**bedevere-app** (bot) commented 3 weeks ago

[GH-146359](#) is a backport of this pull request to the [3.10 branch](#).

126 hidden items


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 **bedevere-app** (bot) removed the **needs backport to 3.10** label 3 weeks ago

 **ambv** pushed a commit that referenced this pull request 3 weeks ago

 [3.11] [gh-143930](#): [Reject leading dashes in webbrowser URLs \(GH-143931\)](#) (  [ceac1ef](#) )  
...

 **ambv** pushed a commit that referenced this pull request 3 weeks ago

 [3.10] [gh-143930](#): [Reject leading dashes in webbrowser URLs \(GH-143931\)](#) (  [ad4d5ba](#) )  
...

 **hroncok** pushed a commit to [fedora-python/cpython](#) that referenced this pull request 3 weeks ago

 @00478: [CVE-2026-4519](#) ... [996a010](#)

 **hroncok** pushed a commit to [fedora-python/cpython](#) that referenced this pull request 3 weeks ago

 @00478: [CVE-2026-4519](#) ... [cd81399](#)

 **hroncok** pushed a commit to [fedora-python/cpython](#) that referenced this pull request 3 weeks ago

 @00478: [CVE-2026-4519](#) ... [c0badc9](#)



This was referenced 2 weeks ago

**Arbitrary Argument Injection SNYK-RHEL9-PYTHON3-15760267 RADAR-base/radar-helm-charts#8673**

Closed

**Arbitrary Argument Injection SNYK-RHEL9-PYTHON3-15760267 RADAR-base/radar-helm-charts#8674**

Closed

**Arbitrary Argument Injection SNYK-RHEL9-PYTHON3LIBS-15760285 RADAR-base/radar-helm-charts#8684**

Closed

**Arbitrary Argument Injection SNYK-RHEL9-PYTHON3LIBS-15760285 RADAR-base/radar-helm-charts#8687**

Closed



**hugovk** removed needs backport to 3.12 needs backport to 3.13 needs backport to 3.14 labels  
2 weeks ago



This was referenced last week

**Arbitrary Argument Injection SNYK-RHEL9-PYTHON3-15760267 RADAR-base/radar-helm-charts#8850**

Closed

**Arbitrary Argument Injection SNYK-RHEL9-PYTHON3-15760267 RADAR-base/radar-helm-charts#8851**

Closed

**Arbitrary Argument Injection SNYK-RHEL9-PYTHON3LIBS-15760285 RADAR-base/radar-helm-charts#8862**

Closed

**Arbitrary Argument Injection SNYK-RHEL9-PYTHON3LIBS-15760285 RADAR-base/radar-helm-charts#8863**

Closed



This was referenced 16 hours ago

**Arbitrary Argument Injection SNYK-RHEL9-PYTHON3-15760267** [RADAR-base/radar-helm-charts#9014](#)

[Open](#)

**Arbitrary Argument Injection SNYK-RHEL9-PYTHON3LIBS-15760285** [RADAR-base/radar-helm-charts#9026](#)

[Open](#)

**Arbitrary Argument Injection SNYK-RHEL9-PYTHON3-15760267** [RADAR-base/radar-helm-charts#9029](#)

[Open](#)

**Arbitrary Argument Injection SNYK-RHEL9-PYTHON3LIBS-15760285** [RADAR-base/radar-helm-charts#9036](#)

[Open](#)

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Reviewers

 **gpshead**



Assignees

 **sethmlarson**

Labels

[stdlib](#) [type-security](#)

Projects

None yet

Milestone

No milestone

Development

Successfully merging this pull request may close these issues.

None yet

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**4 participants**

