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[3.10] [gh-145506](#): Fixes [CVE-2026-2297](#) by ensuring SourcelessFileLoader uses io.open_code ([GH-145507](#)) ([#145516](#))

* [gh-145506](#): Fixes [CVE-2026-2297](#) by ensuring SourcelessFileLoader uses io.open_code ([GH-145507](#))
(cherry picked from commit [a51b1b5](#))

Co-authored-by: Steve Dower <steve.dower@python.org>

* Regenerate importlib_external.h

* Fix blurb entry

The `:cve:` role is not available on this branch.

Co-authored-by: Steve Dower <steve.dower@python.org>

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[3.10](#) (#145516)

1 parent [47128e6](#) commit 876858c

3 files changed

+1,202 -1,199

Top



Lib/importlib

[_bootstrap_external.py](#)

Misc/NEWS.d/next/Security

[2026-03-04-18-59-17.gh-issue-145506.6hwwEh.rst](#)

Python

importlib_external.h

Search within code

Lib/importlib/_bootstrap_external.py

```

@@ -1069,7 +1069,7 @@ def get_filename(self, fullname):
1069 1069
1070 1070     def get_data(self, path):
1071 1071         """Return the data from path as raw bytes."""
1072 -         if isinstance(self, (SourceLoader, ExtensionFileLoader)):
+         if isinstance(self, (SourceLoader, SourcelessFileLoader,
+                               ExtensionFileLoader)):
1073 1073             with _io.open_code(str(path)) as file:
1074 1074                 return file.read()
1075 1075         else:

```

...6-03-04-18-59-17.gh-issue-145506.6hvwEh.rst

```

@@ -0,0 +1,2 @@
1 + Fixes CVE-2026-2297 by ensuring that ``SourcelessFileLoader`` uses
2 + io.open_code when opening .pyc files.

```

Comments 0