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code execution backdoor #12

⊙ **Open**   **di1l0o** opened this issue on Aug 25 · 0 comments

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Labels   bug

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di1l0o commented on Aug 25 · edited ▾

We discovered a potential code execution backdoor in version 0.1.0 of the project, the backdoor is the democritus-strings package. Attackers can upload democritus-strings packages containing arbitrary malicious code. For the safety of this project, the democritus-strings package has been uploaded by us.

> **democritus-strings**
>
> Democritus functions for working with Python strings.

Releases (1)

Version	Release date	Files	
2021.1.28	Jul 23, 2022	1 file (1 Source)	**Options** ▾

The democritus-strings package can be successfully installed using `pip install d8s-archives==0.1.0`

```
root@73ae39bf8755:/# pip uninstall democritus-strings
Found existing installation: democritus-strings 2021.1.28
Uninstalling democritus-strings-2021.1.28:
  Would remove:
    /usr/local/lib/python3.8/dist-packages/democritus_strings-2021.1.28.dist-info/*
    /usr/local/lib/python3.8/dist-packages/democritus_strings/*
    /usr/local/lib/python3.8/dist-packages/tests/test_strings.py
Proceed (y/n)? y
  Successfully uninstalled democritus-strings-2021.1.28
root@73ae39bf8755:/# pip install d8s-archives==0.1.0
Collecting d8s-archives==0.1.0
  Using cached d8s_archives-0.1.0-py2.py3-none-any.whl (5.5 kB)
Requirement already satisfied: democritus-file-system in /usr/local/lib/python3.8/dist-packages (from d8s-archives==0.1.0) (2021.1.27)
Processing /root/.cache/pip/wheels/90/c5/06/11a9574033331d0ccb72559d9afc25564336f0024d8a19c40f/democritus_strings-2021.1.28-py2.py3-none-any.whl
Requirement already satisfied: atomicwrites in /usr/local/lib/python3.8/dist-packages (from democritus-file-system->d8s-archives==0.1.0) (1.4.1)
Requirement already satisfied: democritus-hashes in /usr/local/lib/python3.8/dist-packages (from democritus-file-system->d8s-archives==0.1.0) (2021.1.21)
Requirement already satisfied: democritus-hypothesis in /usr/local/lib/python3.8/dist-packages (from democritus-strings->d8s-archives==0.1.0) (2021.1.21)
Requirement already satisfied: inflect in /usr/local/lib/python3.8/dist-packages (from democritus-strings->d8s-archives==0.1.0) (5.6.1)
Requirement already satisfied: democritus-uuids in /usr/local/lib/python3.8/dist-packages (from democritus-strings->d8s-archives==0.1.0) (2021.1.21)
Requirement already satisfied: more-itertools in /usr/local/lib/python3.8/dist-packages (from democritus-strings->d8s-archives==0.1.0) (8.13.0)
Requirement already satisfied: hypothesis in /usr/local/lib/python3.8/dist-packages (from democritus-strings->d8s-archives==0.1.0) (6.50.1)
Requirement already satisfied: ppdeep in /usr/local/lib/python3.8/dist-packages (from democritus-hashes->democritus-file-system->d8s-archives==0.1.0) (20200505)
Requirement already satisfied: sortedcontainers<3.0.0,>=2.1.0 in /usr/local/lib/python3.8/dist-packages (from hypothesis->democritus-strings->d8s-archives==0.1.0) (2.4.0)
Requirement already satisfied: attrs>=19.2.0 in /usr/local/lib/python3.8/dist-packages (from hypothesis->democritus-strings->d8s-archives==0.1.0) (21.4.0)
Requirement already satisfied: exceptiongroup>=1.0.0rc8; python_version < "3.11" in /usr/local/lib/python3.8/dist-packages (from hypothesis->democritus-strings->d8s-archives==0.1.0) (1.0.0r
c8)
Installing collected packages: democritus-strings, d8s-archives
Successfully installed d8s-archives-0.1.0 democritus-strings-2021.1.28
root@73ae39bf8755:/#
```

Suggestion: remove version 0.1.0 of this project in PyPI

🏷 👤 **di1l0o** added the `bug` label on Aug 25

🗂 👤 **fhightower** added this to **To do** in **Backlog** on Aug 25

Assignees

No one assigned

Labels

bug

Projects

🗂 **Backlog**
   To do

Milestone

No milestone

Development

No branches or pull requests

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1 participant

👤