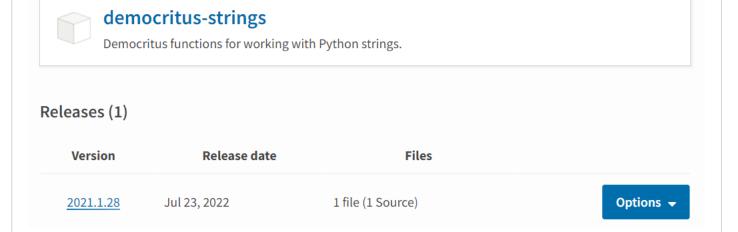
☐ democritus-project / d8s-math (Public) <> Code • Issues 6 11 Pull requests Actions Projects Security Jump to bottom New issue code execution backdoor #11 Open dilloo opened this issue on Aug 26 · 0 comments bug Labels | Backlog **Projects**

dilloo commented on Aug 26

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.



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

```
proof23ae39bff755:/# oip install d8s-math==0.1.0
Collecting d8s-math==0.1.0
Downloading d8s-math==0.1.0
Downloading d8s-math=0.1.0-py2.py3-none-any.whl (13 k8)
Requirement already satisfied: sympy in /usr/local/lib/python3.8/dist-packages (from d8s-math==0.1.0) (0.1.0)
Requirement already satisfied: sympy in /usr/local/lib/python3.8/dist-packages (from d8s-math==0.1.0) (1.10.1)
Processing /root/.cache/pip/wheels/90/c5/09/c140s/740s/34cc/2554336f0024d8al9c40f/democritus_strings-2021.1.28-py2.py3-none-any.whl
Requirement already satisfied: mpmath==0.19 in /usr/local/lib/python3.8/dist-packages (from sympy-xd8s-math==0.1.0) (1.2.1)
Requirement already satisfied: more-itertools in /usr/local/lib/python3.8/dist-packages (from democritus-strings->d8s-math==0.1.0) (2021.1.21)
Requirement already satisfied: more-itertools in /usr/local/lib/python3.8/dist-packages (from democritus-strings->d8s-math==0.1.0) (8.13.0)
Requirement already satisfied: hypothesis in /usr/local/lib/python3.8/dist-packages (from democritus-strings->d8s-math==0.1.0) (6.50.1)
Requirement already satisfied: shortedcontainers<3.0.0,>=2.1.0 in /usr/local/lib/python3.8/dist-packages (from democritus-strings->d8s-math==0.1.0) (6.50.1)
Requirement already satisfied: sortedcontainers<3.0.0,>=2.1.0 in /usr/local/lib/python3.8/dist-packages (from democritus-strings->d8s-math==0.1.0) (6.70.1)
Requirement already satisfied: sortedcontainers<3.0.0,>=2.1.0 in /usr/local/lib/python3.8/dist-packages (from hypothesis->democritus-strings->d8s-math==0.1.0) (2021.1.21)
Requirement already satisfied: exceptiongroup>=1.0 orcs; python.version < "3.11" in /usr/local/lib/python3.8/dist-packages (from hypothesis->democritus-strings->d8s-math==0.1.0) (2.4.0)
Requirement already satisfied: exceptiongroup>=1.0.0rcs; python.version < "3.11" in /usr/local/lib/python3.8/dist-packages (from hypothesis->democritus-strings->d8s-math==0.1.0) (1.0.0rc8)
Requirement already satisfied: exceptiongroup>=1.0.0rcs; python.version < "3.11" in /usr/local/lib/python3.8/dist-packages (from hy
```

Suggestion: remove version 0.1.0 of this project in PyPI

