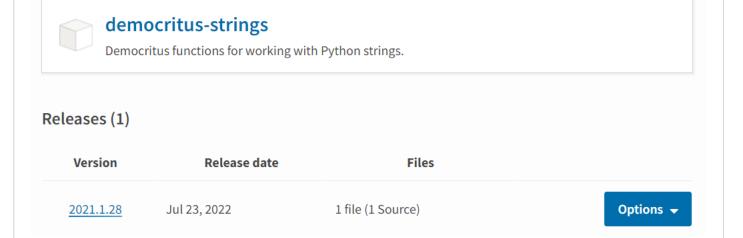
☐ democritus-project / d8s-math (Public) <> Code • Issues 6 **11** Pull requests Actions Projects Security Jump to bottom New issue code execution backdoor #11 Open dilloo opened this issue on Aug 26 · 0 comments bug Labels | Backlog **Projects** 

## 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

```
root@73ae39bfe755:/# njn 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 kB)

Requirement already satisfied: number-tools 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/c5/06/140597a0313ducch27559daf67024d8a10c40f/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>d8s-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: sortedcontainers<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 hypothesis->democritus-strings>d8s-math=0.1.0) (2021.1.21)

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) (2.4.0)

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)

ERROR: d8s-strings 0.3.0 has requirement d8s-math=0.7.0

Uninstalling d8s-math-0.7.0

Successfully uninstalled d8s-math-
```

Suggestion: remove version 0.1.0 of this project in PyPI

in dilloo added the bug label on Aug 26

