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code execution backdoor #12

⊙ **Open**   **di1l0o** opened this issue on Sep 22 · 0 comments

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di1l0o commented on Sep 22

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

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📦 **democritus-urls**
Democritus functions for working with URLs.

Releases (3)

Version	Release date	Files	
2021.1.25	Jul 23, 2022	1 file (1 Source)	Options ▾
2021.1.21	Jul 23, 2022	1 file (1 Source)	Options ▾
2021.1.21b0	Jul 23, 2022	1 file (1 Source)	Options ▾

The democritus-urls package can be successfully installed using `pip install d8s-html==0.1.0`

```
root@73ae39bf8755:/# pip install d8s-html==0.1.0
Requirement already satisfied: d8s-html==0.1.0 in /usr/local/lib/python3.8/dist-packages (0.1.0)
Requirement already satisfied: html-to-json in /usr/local/lib/python3.8/dist-packages (from d8s-html==0.1.0) (2.0.0)
Requirement already satisfied: beautifulsoup4 in /usr/local/lib/python3.8/dist-packages (from d8s-html==0.1.0) (4.10.0)
Processing /root/.cache/pip/wheels/fe/a6/38/a6204c20077fe1588cf52ef21d8de287494fa6677114c8e880/democritus_urls-2021.1.25-py2.py3-none-any.whl
Requirement already satisfied: html2text in /usr/local/lib/python3.8/dist-packages (from d8s-html==0.1.0) (2020.1.16)
Requirement already satisfied: democritus-networking in /usr/local/lib/python3.8/dist-packages (from d8s-html==0.1.0) (2021.1.21)
Requirement already satisfied: bs4 in /usr/local/lib/python3.8/dist-packages (from html-to-json->d8s-html==0.1.0) (0.0.1)
Requirement already satisfied: soupsieve>1.2 in /usr/local/lib/python3.8/dist-packages (from beautifulsoup4->d8s-html==0.1.0) (2.3.1)
Requirement already satisfied: ioc-finder in /usr/local/lib/python3.8/dist-packages (from d8s-html==0.1.0) (7.2.2)
Requirement already satisfied: democritus-domains in /usr/local/lib/python3.8/dist-packages (from democritus-urls->d8s-html==0.1.0) (2021.1.21)
Requirement already satisfied: werkzeug in /usr/local/lib/python3.8/dist-packages (from democritus-urls->d8s-html==0.1.0) (2.1.2)
Requirement already satisfied: democritus-hypothesis in /usr/local/lib/python3.8/dist-packages (from democritus-urls->d8s-html==0.1.0) (2021.1.21)
Requirement already satisfied: democritus-strings in /usr/local/lib/python3.8/dist-packages (from democritus-urls->d8s-html==0.1.0) (2021.1.28)
Requirement already satisfied: hypothesis in /usr/local/lib/python3.8/dist-packages (from democritus-urls->d8s-html==0.1.0) (6.50.1)
Requirement already satisfied: democritus-csv in /usr/local/lib/python3.8/dist-packages (from democritus-urls->d8s-html==0.1.0) (2021.1.21)
Requirement already satisfied: democritus-file-system in /usr/local/lib/python3.8/dist-packages (from democritus-urls->d8s-html==0.1.0) (2021.1.27)
Requirement already satisfied: requests in /usr/local/lib/python3.8/dist-packages (from democritus-networking->d8s-html==0.1.0) (2.27.1)
Requirement already satisfied: democritus-hashes in /usr/local/lib/python3.8/dist-packages (from democritus-networking->d8s-html==0.1.0) (2021.1.21)
Requirement already satisfied: democritus-json in /usr/local/lib/python3.8/dist-packages (from democritus-networking->d8s-html==0.1.0) (2021.1.25)
Requirement already satisfied: democritus-user-agents in /usr/local/lib/python3.8/dist-packages (from democritus-networking->d8s-html==0.1.0) (2021.1.21)
Requirement already satisfied: click>9.0,>=7.1.2 in /usr/local/lib/python3.8/dist-packages (from ioc-finder->democritus-urls->d8s-html==0.1.0) (8.0.4)
Requirement already satisfied: d8s-strings<1.0,>=0.5.0 in /usr/local/lib/python3.8/dist-packages (from ioc-finder->democritus-urls->d8s-html==0.1.0) (0.5.0)
Requirement already satisfied: ioc-fanger<4.0,>=3.0 in /usr/local/lib/python3.8/dist-packages (from ioc-finder->democritus-urls->d8s-html==0.1.0) (3.4.1)
Requirement already satisfied: pyparsing<=3.0.9,>=3.0 in /usr/local/lib/python3.8/dist-packages (from ioc-finder->democritus-urls->d8s-html==0.1.0) (3.0.9)
Requirement already satisfied: whois in /usr/local/lib/python3.8/dist-packages (from democritus-domains->democritus-urls->d8s-html==0.1.0) (0.9.16)
Requirement already satisfied: tldextract in /usr/local/lib/python3.8/dist-packages (from democritus-domains->democritus-urls->d8s-html==0.1.0) (3.3.1)
Requirement already satisfied: democritus-uuids in /usr/local/lib/python3.8/dist-packages (from democritus-strings->democritus-urls->d8s-html==0.1.0) (2021.1.21)
Requirement already satisfied: inflect in /usr/local/lib/python3.8/dist-packages (from democritus-strings->democritus-urls->d8s-html==0.1.0) (5.6.1)
Requirement already satisfied: more-itertools in /usr/local/lib/python3.8/dist-packages (from democritus-strings->democritus-urls->d8s-html==0.1.0) (8.13.0)
Requirement already satisfied: sortedcontainers<3.0.0,>=2.1.0 in /usr/local/lib/python3.8/dist-packages (from hypothesis->democritus-urls->d8s-html==0.1.0) (2.4.0)
Requirement already satisfied: attrs>=19.2.0 in /usr/local/lib/python3.8/dist-packages (from hypothesis->democritus-urls->d8s-html==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-urls->d8s-html==0.1.0) (1.0.0rc8)
Requirement already satisfied: atomicwrites in /usr/local/lib/python3.8/dist-packages (from democritus-file-system->democritus-urls->d8s-html==0.1.0) (1.4.1)
Requirement already satisfied: certifi>=2017.4.17 in /usr/local/lib/python3.8/dist-packages (from requests->democritus-networking->d8s-html==0.1.0) (2021.10.8)
Requirement already satisfied: urllib3<1.27,>=1.21.1 in /usr/local/lib/python3.8/dist-packages (from requests->democritus-networking->d8s-html==0.1.0) (1.25.11)
Requirement already satisfied: charset-normalizer~=2.0.0; python_version >= "3" in /usr/local/lib/python3.8/dist-packages (from requests->democritus-networking->d8s-html==0.1.0) (2.0.12)
Requirement already satisfied: idna<4,>=2.5; python_version >= "3" in /usr/local/lib/python3.8/dist-packages (from requests->democritus-networking->d8s-html==0.1.0) (2.10)
Requirement already satisfied: ppdeep in /usr/local/lib/python3.8/dist-packages (from democritus-hashes->democritus-networking->d8s-html==0.1.0) (20200505)
Requirement already satisfied: d8s-math==0.7.0 in /usr/local/lib/python3.8/dist-packages (from d8s-strings<1.0,>=0.5.0->ioc-finder->democritus-urls->d8s-html==0.1.0) (0.7.0)
Requirement already satisfied: d8s-hypothesis==0.* in /usr/local/lib/python3.8/dist-packages (from d8s-strings<1.0,>=0.5.0->ioc-finder->democritus-urls->d8s-html==0.1.0) (0.6.0)
Requirement already satisfied: d8s-lists==0.8.0 in /usr/local/lib/python3.8/dist-packages (from d8s-strings<1.0,>=0.5.0->ioc-finder->democritus-urls->d8s-html==0.1.0) (0.8.0)
Requirement already satisfied: d8s-dicts==0.6.0 in /usr/local/lib/python3.8/dist-packages (from d8s-strings<1.0,>=0.5.0->ioc-finder->democritus-urls->d8s-html==0.1.0) (0.6.0)
Requirement already satisfied: d8s-uuids==0.* in /usr/local/lib/python3.8/dist-packages (from d8s-strings<1.0,>=0.5.0->ioc-finder->democritus-urls->d8s-html==0.1.0) (0.1.0)
Requirement already satisfied: filelock>=3.0.8 in /usr/local/lib/python3.8/dist-packages (from tldextract->democritus-domains->democritus-urls->d8s-html==0.1.0) (3.7.1)
Requirement already satisfied: requests-file>=1.4 in /usr/local/lib/python3.8/dist-packages (from tldextract->democritus-domains->democritus-urls->d8s-html==0.1.0) (1.5.1)
Requirement already satisfied: number-tools in /usr/local/lib/python3.8/dist-packages (from d8s-math==0.7.0->d8s-strings<1.0,>=0.5.0->ioc-finder->democritus-urls->d8s-html==0.1.0) (0.1.0)
Requirement already satisfied: sympy in /usr/local/lib/python3.8/dist-packages (from d8s-math==0.7.0->d8s-strings<1.0,>=0.5.0->ioc-finder->democritus-urls->d8s-html==0.1.0) (1.10.1)
Requirement already satisfied: dictdiffer in /usr/local/lib/python3.8/dist-packages (from d8s-dicts==0.6.0->d8s-strings<1.0,>=0.5.0->ioc-finder->democritus-urls->d8s-html==0.1.0) (0.9.0)
Requirement already satisfied: six in /usr/local/lib/python3.8/dist-packages (from requests-file>=1.4->tldextract->democritus-domains->democritus-urls->d8s-html==0.1.0) (1.16.0)
Requirement already satisfied: mpmath>=0.19 in /usr/local/lib/python3.8/dist-packages (from sympy->d8s-math==0.7.0->d8s-strings<1.0,>=0.5.0->ioc-finder->democritus-urls->d8s-html==0.1.0) (1.2.1)
Installing collected packages: democritus-urls
Successfully installed democritus-urls-2021.1.25
root@73ae39bf8755:/#
```

Suggestion: remove version 0.1.0 of this project in PyPI

🏷 **di1l0o** added the `bug` label on Sep 22

🗂 **fhightower** added this to **To do** in **Backlog** on Sep 22

Assignees

No one assigned

Labels

bug

Projects

🗂 **Backlog**
   To do

Milestone

No milestone

Development

No branches or pull requests

No branches or pull requests

1 participant