

New issue

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# code execution backdoor #10

✓ Closed di1l0o opened this issue on Aug 26 · 1 comment

Labels

bug

Projects

 Backlog

di1l0o 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.



**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-xml==0.1.0`

```

root@73ae39bf8755:/# pip install d8s-xml==0.1.0
Collecting d8s-xml==0.1.0
  Downloading d8s_xml-0.1.0-py2.py3-none-any.whl (5.5 kB)
Processing /root/.cache/pip/wheels/90/c5/06/11a957403331d0ccb72559d9afcf25564336f0024d8a19c40f/democritus_strings-2021.1.28-py2.py3-none-any.whl
Collecting democritus-html
  Downloading democritus_html-2021.1.2501.tar.gz (9.4 kB)
  Installing build dependencies ... done
  Getting requirements to build wheel ... done
  Preparing wheel metadata ... done
Collecting democritus-utility
  Downloading democritus_utility-2021.1.3001.tar.gz (10 kB)
  Installing build dependencies ... done
  Getting requirements to build wheel ... done
  Preparing wheel metadata ... done
Requirement already satisfied: hypothesis in /usr/local/lib/python3.8/dist-packages (from democritus-strings->d8s-xml==0.1.0) (6.50.1)
Requirement already satisfied: more-iter-tools in /usr/local/lib/python3.8/dist-packages (from democritus-strings->d8s-xml==0.1.0) (8.13.0)
Requirement already satisfied: inflect in /usr/local/lib/python3.8/dist-packages (from democritus-strings->d8s-xml==0.1.0) (5.6.1)
Requirement already satisfied: democritus-uuids in /usr/local/lib/python3.8/dist-packages (from democritus-strings->d8s-xml==0.1.0) (2021.1.21)
Requirement already satisfied: democritus-hypothesis in /usr/local/lib/python3.8/dist-packages (from democritus-strings->d8s-xml==0.1.0) (2021.1.21)
Requirement already satisfied: democritus-urls in /usr/local/lib/python3.8/dist-packages (from democritus-strings->d8s-xml==0.1.0) (5.6.1)
Requirement already satisfied: democritus-uuids in /usr/local/lib/python3.8/dist-packages (from democritus-strings->d8s-xml==0.1.0) (2021.1.21)
Requirement already satisfied: democritus-hypothesis in /usr/local/lib/python3.8/dist-packages (from democritus-strings->d8s-xml==0.1.0) (2021.1.21)
Requirement already satisfied: democritus-urls in /usr/local/lib/python3.8/dist-packages (from democritus-strings->d8s-xml==0.1.0) (2021.1.21)
Requirement already satisfied: democritus-urls in /usr/local/lib/python3.8/dist-packages (from democritus-html->d8s-xml==0.1.0) (2021.1.25)
Collecting html2text
  Downloading html2text-2020.1.16-py3-none-any.whl (32 kB)
Collecting html-to-json
  Downloading html_to_json-2.0.0-py2.py3-none-any.whl (6.4 kB)
Requirement already satisfied: BeautifulSoup4 in /usr/local/lib/python3.8/dist-packages (from democritus-html->d8s-xml==0.1.0) (4.10.0)
Requirement already satisfied: democritus-networking in /usr/local/lib/python3.8/dist-packages (from democritus-html->d8s-xml==0.1.0) (2021.1.21)
Requirement already satisfied: democritus-file-system in /usr/local/lib/python3.8/dist-packages (from democritus-utility->d8s-xml==0.1.0) (2021.1.27)
Collecting democritus-lists
  Downloading democritus_lists-2021.1.2101.tar.gz (10 kB)
  Installing build dependencies ... done
  Getting requirements to build wheel ... done
  Preparing wheel metadata ... done
Requirement already satisfied: sortedcontainers<3.0.0, >=2.1.0 in /usr/local/lib/python3.8/dist-packages (from hypothesis->democritus-strings->d8s-xml==0.1.0) (2.4.0)
Requirement already satisfied: exceptiongroup<1.0.0rc8; python_version < "3.11" in /usr/local/lib/python3.8/dist-packages (from hypothesis->democritus-strings->d8s-xml==0.1.0) (1.0.0rc8)
Requirement already satisfied: attrs<=19.2.0 in /usr/local/lib/python3.8/dist-packages (from hypothesis->democritus-strings->d8s-xml==0.1.0) (21.4.0)
Requirement already satisfied: democritus-domains in /usr/local/lib/python3.8/dist-packages (from democritus-urls->democritus-html->d8s-xml==0.1.0) (2021.1.21)
Requirement already satisfied: ioc-finder in /usr/local/lib/python3.8/dist-packages (from democritus-urls->democritus-html->d8s-xml==0.1.0) (7.2.2)
Requirement already satisfied: democritus-csv in /usr/local/lib/python3.8/dist-packages (from democritus-urls->democritus-html->d8s-xml==0.1.0) (2021.1.21)
Requirement already satisfied: werkzeug in /usr/local/lib/python3.8/dist-packages (from democritus-urls->democritus-html->d8s-xml==0.1.0) (2.1.2)
Requirement already satisfied: bs4 in /usr/local/lib/python3.8/dist-packages (from html-to-json->democritus-html->d8s-xml==0.1.0) (0.0.1)
Requirement already satisfied: soupsieve<1.2 in /usr/local/lib/python3.8/dist-packages (from BeautifulSoup4->democritus-html->d8s-xml==0.1.0) (2.3.1)
Requirement already satisfied: democritus-hashes in /usr/local/lib/python3.8/dist-packages (from democritus-networking->democritus-html->d8s-xml==0.1.0) (2021.1.21)
Requirement already satisfied: democritus-json in /usr/local/lib/python3.8/dist-packages (from democritus-networking->democritus-html->d8s-xml==0.1.0) (2021.1.25)
Requirement already satisfied: democritus-user-agents in /usr/local/lib/python3.8/dist-packages (from democritus-networking->democritus-html->d8s-xml==0.1.0) (2021.1.21)
Requirement already satisfied: requests in /usr/local/lib/python3.8/dist-packages (from democritus-networking->democritus-html->d8s-xml==0.1.0) (2021.1.21)
Requirement already satisfied: democritus-json in /usr/local/lib/python3.8/dist-packages (from democritus-networking->democritus-html->d8s-xml==0.1.0) (2021.1.21)
Requirement already satisfied: democritus-user-agents in /usr/local/lib/python3.8/dist-packages (from democritus-networking->democritus-html->d8s-xml==0.1.0) (2021.1.21)
Requirement already satisfied: requests in /usr/local/lib/python3.8/dist-packages (from democritus-networking->democritus-html->d8s-xml==0.1.0) (2.27.1)
Requirement already satisfied: atomcwrts in /usr/local/lib/python3.8/dist-packages (from democritus-file-system->democritus-utility->d8s-xml==0.1.0) (1.4.1)
Collecting democritus-dicts
  Downloading democritus_dicts-2021.1.2101.tar.gz (10 kB)
  Installing build dependencies ... done
  Getting requirements to build wheel ... done
  Preparing wheel metadata ... done
Requirement already satisfied: tldextract in /usr/local/lib/python3.8/dist-packages (from democritus-domains->democritus-urls->democritus-html->d8s-xml==0.1.0) (3.3.1)
Requirement already satisfied: whois in /usr/local/lib/python3.8/dist-packages (from democritus-domains->democritus-urls->democritus-html->d8s-xml==0.1.0) (0.9.16)
Requirement already satisfied: pypparsing<3.0.9, >=3.0 in /usr/local/lib/python3.8/dist-packages (from ioc-finder->democritus-urls->democritus-html->d8s-xml==0.1.0) (3.0.9)
Requirement already satisfied: ioc-fanger<4.0, >=3.0 in /usr/local/lib/python3.8/dist-packages (from ioc-finder->democritus-urls->democritus-html->d8s-xml==0.1.0) (3.4.1)
Requirement already satisfied: click<9.0, >=7.1.2 in /usr/local/lib/python3.8/dist-packages (from ioc-finder->democritus-urls->democritus-html->d8s-xml==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->democritus-html->d8s-xml==0.1.0) (0.5.0)
Requirement already satisfied: pypd in /usr/local/lib/python3.8/dist-packages (from democritus-hashes->democritus-networking->democritus-html->d8s-xml==0.1.0) (20200505)
Requirement already satisfied: urlib3<1.27, >=1.21.1 in /usr/local/lib/python3.8/dist-packages (from requests->democritus-networking->democritus-html->d8s-xml==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->democritus-html->d8s-xml==0.1.0) (2.0.12)
Requirement already satisfied: certifi<=2017.4.17 in /usr/local/lib/python3.8/dist-packages (from requests->democritus-networking->democritus-html->d8s-xml==0.1.0) (2021.10.8)
Requirement already satisfied: idna<=2.57; python_version >= "3" in /usr/local/lib/python3.8/dist-packages (from requests->democritus-networking->democritus-html->d8s-xml==0.1.0) (2.10)
Requirement already satisfied: dictdiff in /usr/local/lib/python3.8/dist-packages (from democritus-dicts->democritus-lists->democritus-utility->d8s-xml==0.1.0) (0.9.0)
Requirement already satisfied: requests-file<1.4 in /usr/local/lib/python3.8/dist-packages (from tldextract->democritus-domains->democritus-urls->democritus-html->d8s-xml==0.1.0) (1.5.1)
Requirement already satisfied: filelock<3.0.8 in /usr/local/lib/python3.8/dist-packages (from tldextract->democritus-domains->democritus-urls->democritus-html->d8s-xml==0.1.0) (3.7.1)
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->democritus-html->d8s-xml==0.1.0) (0.8.0)
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->democritus-html->d8s-xml==0.1.0) (0.6.0)
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->democritus-html->d8s-xml==0.1.0) (0.6.0)
Requirement already satisfied: d8s-dicts==0.6.0 in /usr/local/lib/python3.8/dist-packages (from d8s-rings<1.0, >=0.5.0->ioc-finder->democritus-urls->democritus-html->d8s-xml==0.1.0) (0.6.0)
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->democritus-html->d8s-xml==0.1.0) (0.6.0)
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->democritus-html->d8s-xml==0.1.0) (0.6.0)
Collecting d8s-math==0.7.0
  Downloading d8s_math-0.7.0-py2.py3-none-any.whl (30 kB)
Requirement already satisfied: six in /usr/local/lib/python3.8/dist-packages (from requests-file<1.4->tldextract->democritus-domains->democritus-urls->democritus-html->d8s-xml==0.1.0) (1.16.0)
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->democritus-html->d8s-xml==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->democritus-html->d8s-xml==0.1.0) (1.10.1)
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->democritus-html->d8s-xml==0.1.0) (1.2.1)
Building wheels for collected packages: democritus-html, democritus-utility, democritus-lists, democritus-dicts
  Building wheel for democritus-html (PEP 517) ... done
  Created wheel for democritus-html: filename=democritus_html-2021.1.25-py2.py3-none-any.whl size=8303 sha256=4a9309a445807e83a4492eb92b58db11e754f0086bb59942e5b9ab04aff012
  Stored in directory: /root/.cache/pip/wheels/f5/40/5c/6894c05e6840c4ff0c6b264af13792a21319e530b21e07
  Building wheel for democritus-utility (PEP 517) ... done
  Created wheel for democritus-utility: filename=democritus_utility-2021.1.30-py2.py3-none-any.whl size=9844 sha256=7bd63e89762f34bca930f1d0bdba63e45cb52c3d59fb61990850aded44c3bb75
  Stored in directory: /root/.cache/pip/wheels/ca/c1/5b/0b34a43e461e210bd42a452000a242415a38d4f5990b21e07
  Building wheel for democritus-utility (PEP 517) ... done
  Created wheel for democritus-utility: filename=democritus_utility-2021.1.30-py2.py3-none-any.whl size=9844 sha256=7bd63e89762f34bca930f1d0bdba63e45cb52c3d59fb61990850aded44c3bb75
  Stored in directory: /root/.cache/pip/wheels/ca/c1/5b/0b34a43e461e210bd42a452000a242415a38d4f599e2611f
  Building wheel for democritus-lists (PEP 517) ... done
  Created wheel for democritus-lists: filename=democritus_lists-2021.1.21-py2.py3-none-any.whl size=8680 sha256=b723689a5945ca8eb3503646f602025f3f325da968f03d6b7b05af1044be6395b
  Stored in directory: /root/.cache/pip/wheels/42/9f/99/97e4d53de83cffe628e4255a382889b172fe934a85933f1fa
  Building wheel for democritus-dicts (PEP 517) ... done
  Created wheel for democritus-dicts: filename=democritus_dicts-2021.1.21-py2.py3-none-any.whl size=9121 sha256=556f40b7f841fab4c14de0be03cd06e59105949392f155711156c4555c9208a
  Stored in directory: /root/.cache/pip/wheels/f1/98/8c/371fedb07380b24d05ed7213222f554d6ad5b4b761aa6f6f5e
Successfully built democritus-html democritus-utility democritus-lists democritus-dicts
Installing collected packages: democritus-strings, html2text, html-to-json, democritus-html, democritus-dicts, democritus-lists, democritus-utility, d8s-xml, d8s-math
  Attempting uninstall: d8s-math
    Found existing installation: d8s-math 0.1.0
    Uninstalling d8s-math-0.1.0:
      Successfully uninstalled d8s-math-0.1.0
Successfully installed d8s-math-0.7.0 d8s-xml-0.1.0 democritus-dicts-2021.1.21 democritus-html-2021.1.25 democritus-lists-2021.1.21 democritus-strings-2021.1.28 democritus-utility-2021.1.30
html-to-json-2.0.0 html2text-2020.1.16
root@73ae39bf8755:/#

```

Suggestion: remove version 0.1.0 of this project in PyPi

 di110o added the [bug](#) label on Aug 26


 fhighttower added this to [To do in Backlog](#) on Aug 26

**fhightower** commented on Sep 1 • edited ▾

Contributor

Thanks for raising this issue (and all of the similar ones) @di1l0o! I'll take a look.

I probably will not bother removing v0.1.0 from pypi as no one should be using that version, but I'll give it some thought.

 **fhightower** closed this as completed on Sep 24

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#### Assignees

No one assigned


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#### Labels

bug

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#### Projects

 **Backlog**  
To do

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#### Milestone

No milestone

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#### Development

No branches or pull requests

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2 participants

