

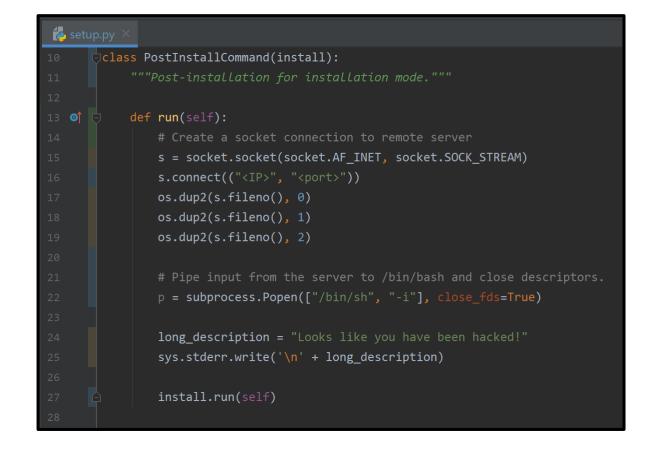


The Python Ecosystem is messed up and here's why.

We explored 200k Python packages on PyPI and...

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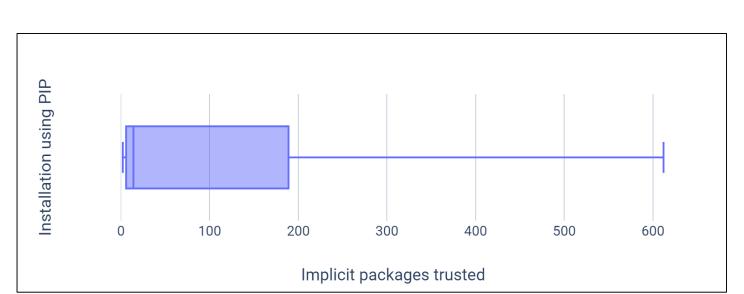
I know what you imported last summer



pip install runs python setup.py install internally allowing arbitrary code execution



Trust me if you can



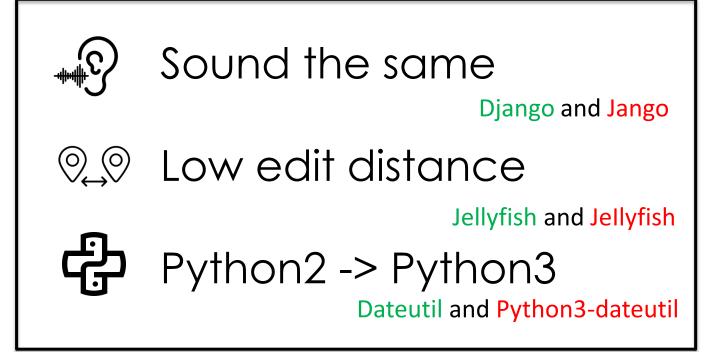
An average Python package **trusts**

14

other packages while installing



Something's Phishy



Live Demo!

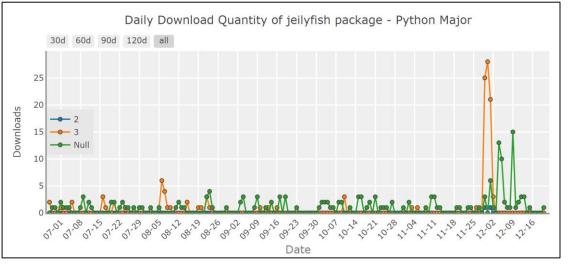


SCAN ME



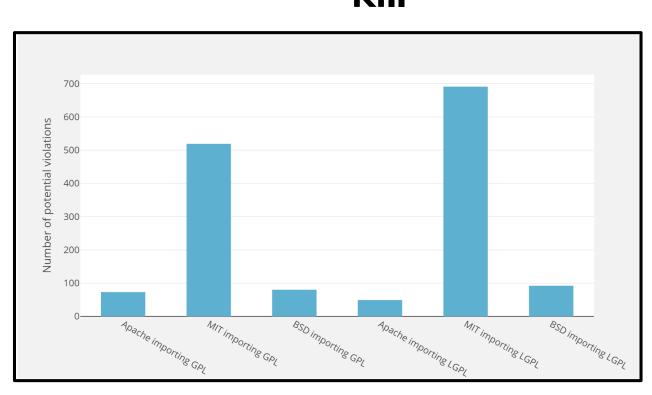


Arbitrary code **stealing SSH keys** reported on 2nd Dec '19.



Downloads boom after typo-squatted python3-dateutil imports jeilyfish

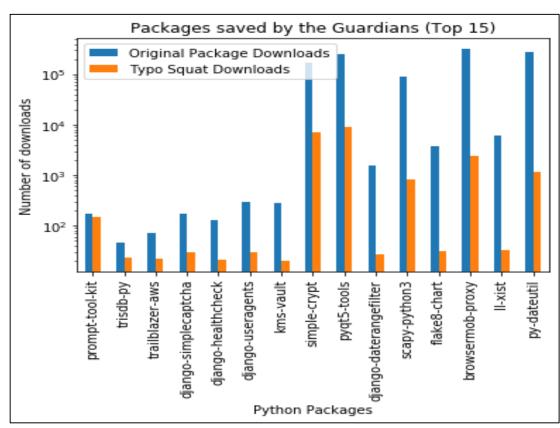
There is no License to kill



Potential license violations in PyPI due to hierarchical imports



But.. We have Guardians of the Galaxy



The **Guardian Project** has prevented more than

250k

Incorrect downloads

Aadesh M Bagmar* and Katie Sullivan University of Maryland, College Park

