



Contribution ID: 6

Type: **not specified**

pkcli: A Framework for Scripts to Manage Applications

Friday 8 November 2024 09:00 (30 minutes)

System administrators and developers need a way to call application code and other tasks through command line interfaces (CLIs). Some examples include user management (creation, deletion, moderation, etc) or seeding the database for development. We have developed an open source Python framework, `pykern.pkcli`, that simplifies the creation of these application-specific CLIs. In this talk, I will provide an overview of our framework and share examples of how we've used it to administer our systems. I'll discuss the advantages of using `pykern.pkcli` over traditional shell scripts, including improvements in development, testing, modification, and distribution. Additionally, I'll present a case study demonstrating how we use one of these scripts to manage user access control for an application and seamlessly share code between the CLI and a web interface.

Desired slot length

12

Speaker release

Yes

Author: CARLIN, evan (RadiaSoft LLC)

Presenter: CARLIN, evan (RadiaSoft LLC)

Session Classification: Basic and end-user IT services

Track Classification: Basic and End-User IT Services