Project: Introduction to Python (2)

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Start our development environment on GitHub Codespaces

 Open in GitHub Codespaces

I) How do I write and
use Python code ?

V) How do I use CoLRev
infrastructure ?

VI) How do I save and
commit changes ?

CoLRev

II) How do I create and
modify data items ?

IV) How do I write
object-oriented code ?

III) How do I use
external libraries ?
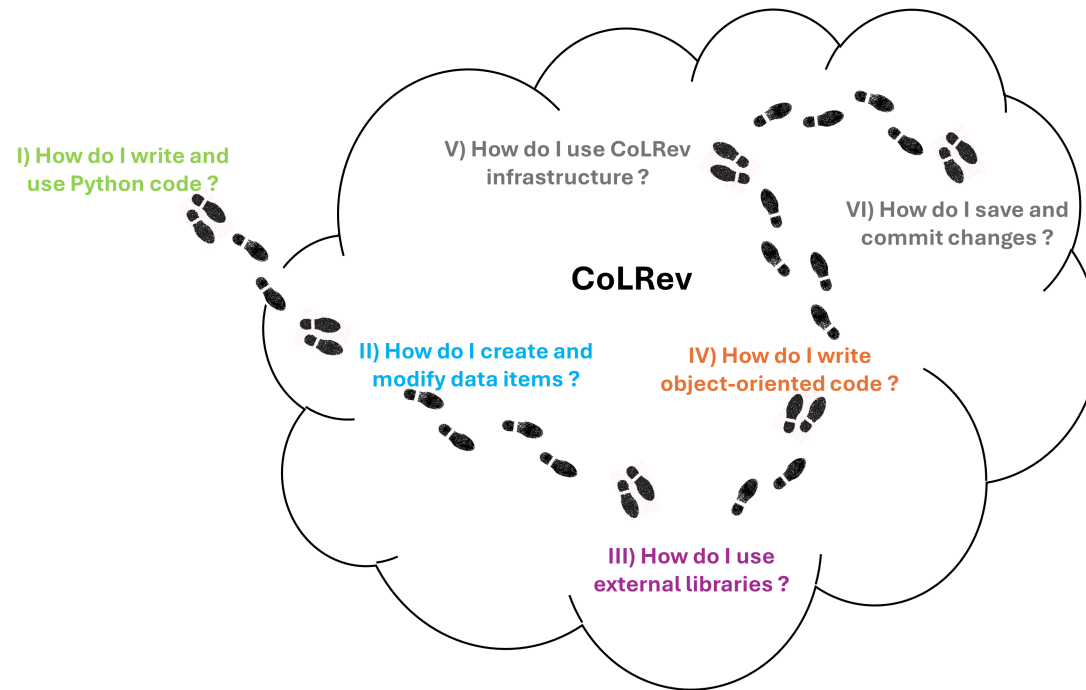
Package setup

To create a new Python package, you can use package and dependency management tools, such as Poetry and `poetry init`.

If you work on existing CoLRev packages, you can extend the existing code available in the internal packages directory.

To create a new CoLRev package, navigate to the internal packages directory and run

```
colrev package --init
```

This command assists you in setting up a new CoLRev package interactively.

More information on package development is available in the documentation.

Resources

Introductory:

- Python challenges
- Python CheatSheet
- 11 tips for Python beginners
- PEP 8 — the Style Guide for Python Code

More advanced:

- The Hitchhiker's Guide to Python
- RealPython Tutorials
- Python design patterns

Tip:
You can use this tutorial for more insights in Python

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Next: Best practice and hacking sessions (per group)

- Read the CoLRev-Enhancement Proposal on SearchSources CEP-002, and raise questions in the issue feed (if any)
- Take notes on key challenges and questions (for the best practice session)
- Attend consultation sessions: schedule a session via Calendly

We value your feedback and suggestions

We encourage you to share your feedback and suggestions on this slide deck:

 <img src="../assets/iconmonstr-pencil-lined.svg" alt="Edit" width="32" height="32"> Suggest specific changes by directly modifying the content
 <img src="../assets/iconmonstr-info-12.svg" alt="New Issue" width="32" height="32"> Provide feedback by submitting an issue
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