OBO Academy: Training materials for Bio-ontologists

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ICBO
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Introducing the OBO Academy

- Open, online, self-paced training materials
- Repo is called OBOOK = Open Biological and Biomedical Ontologies (OBO) Organized Knowledge (OBOOK)
- Aim to provide ongoing training for the ontology community that documents best practices in ontology development
- Initially developed by our curation and semantic engineering team for the Critical Path Institute
- This is a community resource, for the community, by the community

https://oboacademy.github.io/oobook/
Why did we create OBO Academy?

Siloed knowledge
- Distributed expertise in our community
  - Technical
  - Curation
  - Domain
- Knowledge is not always documented

Need to organize professional education in OBO
- OBO resources
- ICBO tutorials
- Monarch tutorials
- C-Path tutorial
- ...

Need to bridge this gap
Need well-documented and accessible training materials

Frequently asked questions
Key Features

- Built in GitHub using Markdown
- Website was created using Mkdocs
- Purposely avoided using Powerpoint slides
- Can easily search the documentations
- Findable in google

On becoming an OBO Semantic Engineer

Welcome to the OBOOK and our OBO Semantic Engineering Training!

Introduction to the OBOOK (Open Biological and Biomedical Ontologies Organized Knowledge)

Documentation in the OBOOK is organised into 4 distinct sections based on the Di\textsuperscript{a}taxis framework of documentation:

1. **Tutorials**: Learning-oriented documentation that contains exercises to help a beginner achieve basic competence in a specific area.
2. **How-to Guides**: Task-oriented documentation that functions as directions to guide the reader through the steps to achieve a specific end.
3. **Reference Guides**: Information-oriented documentation that describes a single topic in a succinct, technical and orderly way.
4. **Explanations**: Understanding-oriented documentation that clarifies, deepens and broadens the reader's understanding of a subject.

To accommodate for the various training use cases we support, we added the following categories:

1. Courses: A convenience content type that assembles materials from OBOOK for a specific, taught unit, such as the yearly ICBO tutorials.

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