

CE204 Object-Oriented Programming

Week-6 (UMPLE - Quick Start Guide)

Spring Semester, 2021-2022

Download [DOC-PDF](#), [DOC-DOCX](#), [SLIDE](#), [PPTX](#),

Outline

- What is UMPLE?
- What is its purpose?
- How to create a UML model with UMPLE?
- What is philosophy of UMPLE?
- How to use UMPLE?
 - UMPLE Online
 - Eclipse Plugin
 - Visual Studio Code Plugin
- How to learn UMPLE?
 - Online Documentations
 - Video Tutorials
 - UMPLE Community

Outline

- The UmpleOnline web interface is at try.umple.org
- The user manual is at manual.umple.org
- The Umple home page is at www.umple.org
- Umple download page: dl.umple.org

- Overview of the basics of Umple
- Associations in Umple
- State machines in Umple
- Product lines in Umple: Mixins and Mixsets
- Other separation of concerns mechanisms: (Aspects and traits) and their code generation
- Other advanced features of Umple
- Hands-on exercise developing versions of a concurrent system using state machines and product lines.
- Umple as written in itself: A case study.

Outline

- Tutorial Materials
- Getting Started in UMPLE

References

[UMPLE Tutorials](#)

[UMPLE Github](#)

[UMPLE Online](#)

[UMPLE Documentation](#)