CE204 Object-Oriented Programming

UMPLE - Quick Start Guide

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## CE204 Object-Oriented Programming

## Week-6 (UMPLE - Quick Start Guide)

#### Spring Semester, 2021-2022

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## UMPLE - Quick Start Guide

### 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

### Outline

[web](https://cruise.umple.org/presentations/umpleModels2020Tutorial/) [slide](https://cruise.umple.org/presentations/umpleModels2020Tutorial/UmpleTutForModels2020.pdf) - 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](https://github.com/umple/Umple/wiki/Tutorials)
* [Getting Started in UMPLE](https://cruise.umple.org/umple/GettingStarted.html)

## Outline

* [Experiential Learning for Software Engineering Using Agile Modeling in Umple](https://www.youtube.com/watch?v=yif1clbrXnI&ab_channel=CSEETconf)
* [Slides](https://cruise.umple.org/presentations/UmpleTutorialCSEET2020.pdf)

## References

[UMPLE Tutorials](https://github.com/umple/umple/wiki/Tutorials) [UMPLE Github](https://github.com/umple/umple) [UMPLE Online](https://umple.org) [UMPLE Documentation](https://cruise.umple.org/umple/)