

CE204 Object-Oriented Programming

UMPLE - Quick Start Guide

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0.1 CE204 Object-Oriented Programming

0.2 Week-6 (UMPLE - Quick Start Guide)

0.2.0.1 Spring Semester, 2021-2022 Download DOC-PDF¹, DOC-DOCX², SLIDE³, PPTX⁴,

0.3 UMPLE - Quick Start Guide

0.3.1 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

¹[ce204-week-6.en.md_doc.pdf](#)

²[ce204-week-6.en.md_word.docx](#)

³[ce204-week-6.en.md_slide.pdf](#)

⁴[ce204-week-6.en.md_slide.pptx](#)

0.3.2 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
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0.3.3 Outline

web⁵ slide⁶ - 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.

0.4 Outline

- Tutorial Materials⁷
- Getting Started in UMPLE⁸

0.5 Outline

- Experiential Learning for Software Engineering Using Agile Modeling in Umple⁹
 - Slides¹⁰
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0.6 References

UMPLE Tutorials¹¹ UMPLE Github¹² UMPLE Online¹³ UMPLE Documentation¹⁴

⁵<https://cruise.umple.org/presentations/umpleModels2020Tutorial/>

⁶<https://cruise.umple.org/presentations/umpleModels2020Tutorial/UmpleTutForModels2020.pdf>

⁷<https://github.com/umple/Umple/wiki/Tutorials>

⁸<https://cruise.umple.org/umple/GettingStarted.html>

⁹https://www.youtube.com/watch?v=yif1clbrXnI&ab_channel=CSEETconf

¹⁰<https://cruise.umple.org/presentations/UmpleTutorialCSEET2020.pdf>

¹¹<https://github.com/umple/umple/wiki/Tutorials>

¹²<https://github.com/umple/umple>

¹³<https://umple.org>

¹⁴<https://cruise.umple.org/umple/>