

Software Resources

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Github & Docker

You can read more on how to set this up [here](#).

Design Software

For students who would like to install the design programs on their host machine, we have provided links where you can find out more about each program.

- [AcmeStudio \(Links to an external site.\)](#) - Architecture Description Language (ADL) Tool, [\(Tutorials\) \(Links to an external site.\)](#)
- [ArgoUML \(Links to an external site.\)](#) - UML Modeling Tool, [\(User Manual\) \(Links to an external site.\)](#)
- [Dresden OCL Parser \(Links to an external site.\)](#) - OCL Interpreter Plugin for Eclipse, [\(Documentation\) \(Links to an external site.\)](#)
- [Eclipse \(Links to an external site.\)](#) - Integrated Development Environment, [\(Help Index\) \(Links to an external site.\)](#)
- [Git \(Links to an external site.\)](#) - Version Control and Source Code Management, [\(Documentation\) \(Links to an external site.\)](#)
- [PHP \(Links to an external site.\)](#) - General Purpose Scripting Language, [\(Documentation\) \(Links to an external site.\)](#)
- [MySQL \(Links to an external site.\)](#) - Relational Database, [\(Documentation\) \(Links to an external site.\)](#)

Video Software

To create video presentations in this course, we recommend that students use some of the below software, if you would like us to add something to the list let us know. [\(Links to an external site.\)](#)

Here is a list of some screen capture, video recording, and video editing programs for different host operating systems. You are welcome to use any tooling you wish as long as you ultimately produce a .mp4 video.

- Windows
 - [Camtasia \(Links to an external site.\)](#)
 - [Camstudio \(Links to an external site.\)](#)
 - [Windows Movie Maker \(Links to an external site.\)](#)
 - [ShareX \(Links to an external site.\)](#)
 - [Open Broadcaster Software \(Links to an external site.\)](#)
- Mac
 - [Photobooth \(Links to an external site.\)](#)
 - [Screenflick \(Links to an external site.\)](#)
 - [Screenflow \(Links to an external site.\)](#)
 - [iShowU HD Pro \(Links to an external site.\)](#)
 - [iMovie \(Links to an external site.\)](#)
- Linux
 - [SimpleScreenRecorder \(Links to an external site.\)](#)
 - [Cheese \(Links to an external site.\)](#)
 - [Kdenlive \(Links to an external site.\)](#)
- Web
 - [Youtube Video Editor \(Links to an external site.\)](#)
 - [Niaveo.com \(Links to an external site.\)](#)

Student Recommendations

- UML Editing
 - [Visual Paradigm \(Links to an external site.\)](#)
 - [LucidChart \(Links to an external site.\)](#) free for .edu mails