
Unit 3: Unified Modelling Language (UML)

Required Reading

Philips, D. (2018) Python 3 Object-Oriented programming. 3rd ed. Packt Publishing

Chapter 1.

Rumbaugh, J., Jacobson, I. & Booch, G. (2004) The Unified Modeling Language Reference Manual. 2nd ed. Addison-Wesley.

Chapter 3.

Lange, C. F. J., Chaudron, M. R. V. & Muskens, J. (2006) In practice: UML software architecture and design description. IEEE Software 23(2): 40-46.

Grady, B., Robert, A., Maksimchuk, M., Engle, W., Young, B., Connallen, J. & Houston, K. (2008) Object-oriented analysis and design with applications. 3rd ed. SIGSOFT. 33(5).

IBM. (2021) UML Models and Diagrams.

Additional Reading

Bettini, L., Loreti, M. & Venneri, B. (2003) 'On Multiple Inheritance in Java', in: D'Hondt, T. (eds) Technology of Object-Oriented Languages, Systems and Architectures. The Kluwer International Series in Engineering and Computer Science, vol 732. Springer, Boston, MA. https://doi.org/10.1007/978-1-4615-0413-9_1. pp. 1-15.

Lucas, F., Molina, F. & Ambrosio, T. (2009) A systematic review of UML model consistency management. Information and Software Technology 51(12):1631-1645. ISSN 0950-5849.