

## СПИСОК ЛІТЕРАТУРИ

1. Kai Petersen, Robert Feldt and Shahid Mujtaba et al. Systematic Mapping Studies in Software Engineering. 2008. DOI: 10.14236/ewic/EASE2008.8.
2. García-Holgado, A., & García-Peñalvo, F. J. (2018). Mapping the systematic literature studies about software ecosystems. In F. J. García-Peñalvo (Ed.).
3. Eko Handoyo, Slinger Jansen, and Sjaak Brinkkemper. 2013. Software ecosystem modeling: the value chains. In Proceedings of the Fifth International Conference on Management of Emergent Digital EcoSystems (MEDES '13). Association for Computing Machinery, New York, NY, USA, 17–24. <https://doi.org/10.1145/2536146.2536167>.
4. М.О. Сидоров. 2022. TOWARD SOFTWARE ENGINEERING ECOSYSTEMS DEFINITION. ISSN 1727-4907. Проблеми програмування. 2022. № 3-4. Спеціальний випуск.
5. Mooers, C., 1969. Data descriptive languages. FDT Bull. ACM SIGFIDET SIGMOD, 1, pp. 31-36. <https://doi.org/10.1145/984409.984411>.
6. Vasilis Boucharas, Slinger Jansen, and Sjaak Brinkkemper. 2009. Formalizing software ecosystem modeling. In Proceedings of the 1st international workshop on Open component ecosystems (IWOCE '09). Association for Computing Machinery, New York, NY, USA, 41–50. <https://doi.org/10.1145/1595800.1595807>
7. Jansen, S., Brinkkemper, S., & Finkelstein, A., 2007. Providing Transparency In The Business Of Software: A Modeling Technique For Software Supply Networks. , pp. 677-686. [https://doi.org/10.1007/978-0-387-73798-0\\_73](https://doi.org/10.1007/978-0-387-73798-0_73). R.
8. Yu, Eric S. K. and Stephanie Deng. “Understanding Software Ecosystems: A Strategic Modeling Approach.” IWSECO@ICSOB (2011).
9. Franch, X., López, L., Cares, C., Colomer, D. (2016). The i\* Framework for Goal-Oriented Modeling. In: Karagiannis, D., Mayr, H., Mylopoulos, J. (eds) Domain-Specific Conceptual Modeling. Springer, Cham. [https://doi.org/10.1007/978-3-319-39417-6\\_22](https://doi.org/10.1007/978-3-319-39417-6_22)

10. Burnard, P., 1991. A method of analysing interview transcripts in qualitative research.. *Nurse education today*, 11 6, pp. 461-6 . [https://doi.org/10.1016/0260-6917\(91\)90009-Y](https://doi.org/10.1016/0260-6917(91)90009-Y).
11. PINHEIRO, F. V. da S.; COUTINHO, E. F.; SANTOS, I.; BEZERRA, C. I. M. A Tool for Supporting the Teaching and Modeling of Software Ecosystems Using SSN Notation. *Journal on Interactive Systems*, Porto Alegre, RS, v. 13, n. 1, p. 192–204, 2022. DOI: 10.5753/jis.2022.2602. Disponível em: <https://sol.sbc.org.br/journals/index.php/jis/article/view/2602>. Acesso em: 27 feb. 2024.
12. Sinclair, M., 1975. Questionnaire design.. *Applied ergonomics*, 6 2, pp. 73-80 . [https://doi.org/10.1016/0003-6870\(75\)90299-9](https://doi.org/10.1016/0003-6870(75)90299-9).
13. Kluckhohn, F., 1940. The Participant-Observer Technique in Small Communities. *American Journal of Sociology*, 46, pp. 331 - 343. <https://doi.org/10.1086/218650>.
14. Adner, Ron. (2016). Ecosystem as Structure: An Actionable Construct for Strategy. *Journal of Management*. 43. 10.1177/0149206316678451.
15. A. G. Tansley “Ecology”, Vol. 16, No. 3. (Jul., 1935), pp. 284-307.
16. Monat, J., & Gannon, T., 2023. The Meaning of "Structure" in Systems Thinking. *Syst.*, 11, pp. 92. <https://doi.org/10.3390/systems11020092>.
17. Kampis, G., 1987. SOME PROBLEMS OF SYSTEM DESCRIPTIONS I: FUNCTION. *International Journal of General Systems*, 13, pp. 143-156. <https://doi.org/10.1080/03081078708934964>.
18. Jansen, Slinger & Brinkkemper, Sjaak & Cusumano, M.A.. (2013). *Software Ecosystems: Analyzing and Managing Business Networks in the Software Industry*. 10.4337/9781781955635.
19. Sharpanskykh, Alexei. (2011). Agent-Based Modeling and Analysis of Socio-Technical Systems. *Cybernetics and Systems*. 42. 308-323. 10.1080/01969722.2011.595332.
20. Barwise, Jon. (1977). *An Introduction to First-Order Logic*. *Handbook of Mathematical Logic*. 90. 10.1016/S0049-237X(08)71097-8.

21. Hogan, J., 1994. Structure and development of behavior systems. *Psychonomic Bulletin & Review*, 1, pp. 439-450. <https://doi.org/10.3758/BF03210948>.
22. Data Modeling Guide (DMG) For An Enterprise Logical Data Model, V2.3; 15 March 2011
23. Lethbridge, Timothy & Sim, Susan & Singer, Janice. (2005). Studying Software Engineers: Data Collection Techniques for Software Field Studies. *Empirical Software Engineering*. 10. 311-341. 10.1007/s10664-005-1290-x.
24. Le, Duc. (2021). Category-theoretical Semantics of the Description Logic ALC (extended version).
25. Elhefny, Mohammad & Elmogy, Mohammed & Aboelfetouh, Ahmed. (2014). Building OWL Ontology for Obesity Related Cancer. *Proceedings of 2014 9th IEEE International Conference on Computer Engineering and Systems, ICCES 2014*. 10.1109/ICCES.2014.7030953.
26. Sirin, E., Parsia, B., Grau, B., Kalyanpur, A., & Katz, Y., 2007. Pellet: A practical OWL-DL reasoner. *J. Web Semant.*, 5, pp. 51-53. <https://doi.org/10.1016/j.websem.2007.03.004>.
27. Smith, Michael & Welty, Chris & McGuinness, Deborah. (2004). *OWL Web Ontology Language Guide*.
28. Kazakov, Y., Klinov, P., & Stupnikov, A., 2017. Towards Reusable Explanation Services in Protege. *Description Logics*.
29. Maedche, Alexander & Staab, Steffen. (2001). Ontology Learning for the Semantic Web. *IEEE Intelligent Systems*. 16. 72-79. 10.1109/5254.920602.
30. Ferreira, Fabio & Borges, Hudson & Valente, Marco. (2024). Refactoring React-based Web Apps. *Journal of Systems and Software*. 10.1016/j.jss.2024.112105.
31. Ferreira, Fabio & Valente, Marco. (2023). Detecting Code Smells in React-based Web Apps. *Information and Software Technology*. 155. 1-35. 10.1016/j.infsof.2022.107111.

32. Balasubramanee, V., Wimalasena, C., Singh, R., & Pierce, M., 2013. Twitter bootstrap and AngularJS: Frontend frameworks to expedite science gateway development. 2013 IEEE International Conference on Cluster Computing (CLUSTER), pp. 1-1. <https://doi.org/10.1109/CLUSTER.2013.6702640>.
33. ReactFlow. URL: [«https://reactflow.dev/»](https://reactflow.dev/)