Errata for the thesis

Matějík, Jakub. A platform for creating and sharing interactive educational materials based on data from knowledge graphs. Praha, 2023. Diplomová práce. Univerzita Karlova, Matematicko-fyzikální fakulta, Katedra softwarového inženýrství. Vedoucí práce Nečaský, Martin.

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- p. iii, Supervisor: doc. Mgr. Martin Nečaský, Ph.D., Department of Software Engineering

As the thesis was first written in Czech and then translated into English, some of the original sentences were left in the text. During the translation, some of the references to the quotations became corrupted and are therefore missing when exported to pdf. This is corrected in the following lines:

- p. 8: source for information about JSON-LD, https://json-ld.org
- p. 25: source for information about DBPedia, https://www.dbpedia.org/
- p. 25, source for information about YAGO, https://yago-knowledge.org
- p. 26, source for information about Geonames, https://www.geonames.org
- p. 26, source for information about FactGrid, https://database.factgrid.de/wiki/Main_Page
- p. 29, source for first paragraph about Facebook, https://www.businessinsider.com/facebook–2011-4
- p. 30, source for information(even pros and cons) about Central storage, https://www.hitechwhizz.com/2020/11/benefits-of-client-server-network.html, Schuff, David & St Louis, Robert. (2001). Centralization vs. Decentralization of Application Software. Commun. ACM. 44. 88-94. 10.1145/376134.376177
- p. 32-33: Source for usage of p2p, https://www.blockchain-council.org/blockchain/peer-to-peer-network
- p. 35: Data storage decentralization source, Januzaj, Ylber & Ajdari, Jaumin & Selimi, Besnik. (2015). DBMS as a Cloud service: Advantages and Disadvantages. Procedia - Social and Behavioral Sciences. 195. 1851-1859. 10.1016/j.sbspro.2015.06.412.
- p. 41, 42: Source for introduction of system aspects Availability, Scalability and Performance, https://www.informit.com/articles/article.aspx?p=29030&seqNum=5
- p. 42, 43: Pros and cons source: https://solidproject.org
- p. 44: line 14-15: Therefore, we would opt for a fully decentralized solution for such a site. We have a clear evaluation of the comparison in Table 3.2.
- p. 47: DBPedia SPARQL endpoint: https://dbpedia.org/sparql/?help=intro

- p. 48: source for information about Well-known vocabularies - Handbook of Semantic Web Technologies.(2011). Germany: Springer.
- p. 60: Framework Angular source, https://angular.io
- p. 60: Framework React source, https://react.dev/learn
- p. 61: Typescript source, https://www.typescriptlang.org
- p. 61: Design pattern, https://pmichaels.net/service-repository-pattern
- p. 63: Library for data operations source: https://docs.inrupt.com/developer-tools/javascript/client-libraries/structured-data
- p. 65: Node Solid Server, https://github.com/nodeSolidServer/node-solid-server
- p. 65: Community Solid Server, https://github.com/CommunitySolidServer
- p. 65: Inrupt Pod Server, https://docs.inrupt.com/ess/latest
- p. 65: Access control library, 1.paragraph source, https://docs.inrupt.com/developer-tools/javascript/client-libraries/access-control
- p. 65: Universal API library source, https://docs.inrupt.com/developer-tools/javascript/client-libraries/tutorial/manage-access-policies-universal
- p. 66: Figure 5.4 description: WAC policy RDF
- p. 66: Notifications source, https://docs.inrupt.com/developer-tools/javascript/client-libraries/tutorial/subscribe-to-notifications
- p. 67: Jest paragraph source, https://jestjs.io
- p. 67: TSLint paragraph source, https://github.com/palantir/tslint
- p. 67: ESLint paragraph source, https://eslint.org
- p. 67: @testing-library/react paragraph source, https://testing-library.com/docs/react-testing-library/intro
- p. 68: 1. paragraph about Molid source, https://molid.readthedocs.io/en/latest
- p. 68: Inrupt Pod Spaces paragraph source, https://docs.inrupt.com/ess/latest
- p. 69: IGrant.io paragraph source, https://igrant.io
- p. 69: redpencil.io paragraph source, https://redpencil.io