

Book Review

Aaron Swartz's A Programmable Web: An Unfinished Work

Aaron Swartz

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Based on the invitation from James Hendler, the editor of the series "*Synthesis Lectures on the Semantic Web: Theory and Technology*" Aaron Swartz prepared a draft on Programmable Web, but before its completion, he passed away.

It is true that we yet to arrive at a concrete understanding of semantic web. Aaron tried to define it by using efficient programming and rules. The eight chapters even brief enable the readers to gain understanding the complexities, particularly the programming aspect.

We spend considerable time to sit before the web world, travel, stay and do work. After the introductory chapter, he outlines the concept URL and described how they are built and how they are structured. Root concepts and designs are well illustrated with suitable examples. In the subsequent chapter he explained how the hybrid of web is adopted, which is termed as "*Representational State Transfer*" or REST. In the next chapter he details the intriguing part of the export and import function.

API is required for data-intensive website. API helps the exchanging basic pieces of data between software. Thus this chapter provides building of API with good amount of illustrations.

The official RDF query language is called SPARQL(SPARQL Protocol And RDF Query Language. QUERIES AND DUMPS play a central role in building a database as described in the chapter 7. Open data and open source are explained comprehensively in the next chapter. In the last chapter on Semantic Web, he focussed the angle of web programmes.

The work is even brief can serve as a good compendium in Web programming.

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