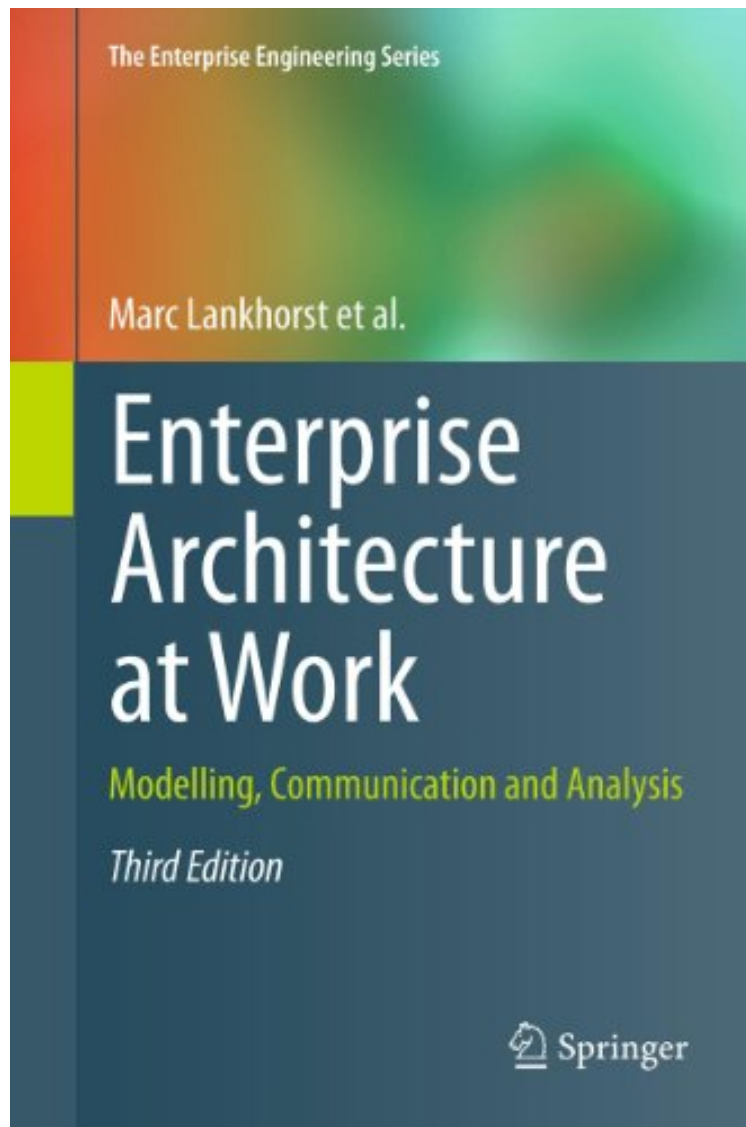


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Enterprise Architecture at Work: Modelling, Communication and Analysis (The Enterprise Engineering Series)

Marc Lankhorst

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Marc Lankhorst : Enterprise Architecture at Work: Modelling, Communication and Analysis (The Enterprise Engineering Series) before purchasing it in order to gauge whether or not it would be worth my time, and all praised Enterprise Architecture at Work: Modelling, Communication and Analysis (The Enterprise Engineering Series):

3 of 3 people found the following review helpful. Great book for dealing with enterprise architecture By Oland This book is great at explaining enterprise architecture and how to actually get the most out of your analysis. An important

thing to consider is that you need to not only understand the problem you're facing, but also to fully understand what the stakeholders and end-users WANT as a solution. Getting as much detail as possible during analysis will help to build the most realistic models possible, and reduce refinements and changes down the road. Sometimes this is difficult to do because people may not give you all of the information up front, assuming you just "know" how things should work. What happens is they will go to use the software and end up saying, "This isn't what I wanted" or "I didn't expect it to work like that" or "I thought we would be doing it like X". Communicate and analyze the solution everyone wants, PRIOR to doing the modeling and architecture of the solution. You will save yourself a lot of hair pulling! Great book. 15 of 15 people found the following review helpful. The Archimate language in detail By T Anderson If you want to learn how to do Enterprise Architecture modeling, this book is for you. The book covers the Archimate language in detail. The book starts off with a nice introduction to Enterprise Architecture. It explains the internal and external drivers and then goes on to introduce the current state of Enterprise Architecture in the industry. It introduces EFQM, ISO 9001, COBIT, ITIL, CMMI, IEEE 1471-200, Zachman Framework, TOGAF, and MDA. There is a short introduction to each, but it is enough to put them in context. The book then talks briefly about the description languages which include IDEF, BPMN, Testbed, ARIS, UML, and ADLs. Next there is a nice chapter named Foundations. Foundations outline the fundamental ideas on which the author's approach is based. Topics include architectural complexity, describing enterprise architectures, and pictures, Models, and semantics. The last chapter before heading full steam ahead into modeling is Communication of Enterprise Architectures. The book then has chapters on guidelines for modelling, viewpoints and visualisation, architecture analysis, architecture support, and tool support. The book then has three nice size case studies and wraps up with a chapter on what is beyond enterprise architecture. The case studies are of sizable systems, they are not just three hello world projects. This book is in full color which makes the diagrams easier to understand. The book is small so it is easy to keep by your side. I like the writing style of the authors, they make it an easy and enjoyable read. This book has tons of diagram examples in it. I use Archimate when I do Enterprise Architecture models. I use SPARX EA, but there is also a free tool available named Archi: Archimate Modelling (just Google it). All in all if you are an architect you owe it to yourself to check out this book and give Archimate a shot. 6 of 7 people found the following review helpful. Great book for practical enterprise architectural modeling! By Narong Chansoi This book is not TOO big! and TOO thick!. That's very easy to read. I like many communication and modeling techniques so much. This book also contains lots of good and clear model images which represents the various architectural views. All sample models for each architectural views was created by using ArchiMate modeling notation that the author wants to introduce in the book. I like the ArchiMate because it's easier than UML. But don't be worried about learning the ArchiMate, the notations are very close to UML. So, I can continue to use UML and BPMN with my job unless some clients prefer to use ArchiMate. The author also explains technique for communicate the EA to various stakeholders and explains how to handle the level of abstractions. Another part of the book is the analysis technique, the technique for analyzing the models. This topic helps me so much for checking the models (both verifying and validating). Is it good enough? That's the question I always ask myself while modeling. I just made decision to plan to use the book as a modeling guideline for my client soon. This book is very practical for EA modeling!!! So, as the book said... it's for modeling, communication and analysis. It's a modeling-orientation!

An enterprise architecture tries to describe and control an organisation's structure, processes, applications, systems and techniques in an integrated way. The unambiguous specification and description of components and their relationships in such an architecture requires a coherent architecture modelling language. Lankhorst and his coauthors present such an enterprise modelling language that captures the complexity of architectural domains and their relations and allows the construction of integrated enterprise architecture models. They provide architects with concrete instruments that improve their architectural practice. As this is not enough, they additionally present techniques and heuristics for communicating with all relevant stakeholders about these architectures. Since an architecture model is useful not only for providing insight into the current or future situation but can also be used to evaluate the transition from 'as is' to 'to be', the authors also describe analysis methods for assessing both the qualitative impact of changes to an architecture and the quantitative aspects of architectures, such as performance and cost issues. The modelling language presented has been proven in practice in many real life case studies and has been adopted by The Open Group as an international standard. So this book is an ideal companion for enterprise IT or business architects in industry as well as for computer or management science students studying the field of enterprise architecture.