

CoMoNo: A Communication Model and Notation Supporting the Analysis and Planning of Communication Infrastructure

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Shaker Verlag Mrz 2014, 2014. Buch. Condition: Neu. Neuware - The amount of exchanged information and the choice of possible communication media in engineering increased because of the rise of computer mediated communication and web 2.0 technologies in the recent decades. While many people have adopted a broad range of new communication tools in their personal life, the application of these technologies in enterprise environments is lagging behind. Preceding this development, scholars from various domains started to look at the phenomenon communication from a scientific perspective. In 1928, Hartley developed early mathematical models for a quantitative measure of information. Critical Mass Theory analysed the usage patterns involved in the adoption of interactive media while Media Rich Theory, Media Synchronicity Theory, Task-Technology-Fit Theory, and Enterprise 2.0 study the selection of appropriate media. Product development approaches like simultaneous engineering, concurrent design, and the management of trust between cooperation partners enable more complex processes. The resulting lower depth of in-house development in turn leads to an increase in communication intensity and complexity. This increasing elaborateness of interactions in businesses led to the development of new business process modelling approaches. Standards like the Business Process Model and Notation (BPMN) enable automated evaluation of the ...



Reviews

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