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Paper title: Aspect-oriented business process

modeling: analyzing open issues

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The following article talks about problems with business process modularity and how it fits into wider business process management, and the early stages of research on aspect-oriented modularization for business process management (BPM), two different but related things are being looked into: one to do with how things happen in real situations and the other to do with ideas and plans.

The authors have tried out AO-BPM modularization in a few different experiments to see if they worked.

The document also gives a short version of what other people have found out about aspect-oriented ways of doing models for business processes before now.

It picks out four important things from these earlier pieces of work. All the articles it talks about say that there are lots of different ideas for making BPM modularization better or more effective. However, none of them has looked carefully at what actually happens when you try some of these ideas out.

A details section of the article talks about some worries people have and some things that we do not know yet about AO-BPM.

Some examples are what exactly counts as an aspect, how to think about parts of models, levels in models where we can think about aspects separately, putting all this into practice when many people/ groups are involved, new kinds of models that might be useful because they have aspects in them visibly etc., difficulties which could make doing any of these things wrongly or right hard (such as knowing what technology to use or thinking clearly enough so others see same as you).

The paper also looks at the problems that come when we need to find important information in business processes, but it is not clear where best place look is. It says that the ways things are done now do not always work well because they do not have good enough rules for finding out what might be problem across several areas/units—instead staff just notice something wrong in their own area/unit even though real cause lies deeper down system.

Following their founding the authors also tried to focus on the challenges associated with determining which components of a business process qualify as aspects. It talks about the difficulties of describing events and other constructs as aspects within models and debates the appropriateness of certain BPM elements as potential aspects.

The main topic of discussion is the difficulties that they found is caused by the different levels of abstraction and depth in business process models. It draws attention to how challenging it may be to decide, given an activity's degree of detail and significance to the process's overall objectives, when it should be classified as an aspect of the process.

They made sure to create a section that explores the challenges of distributing aspectual tasks among various organizational functions, providing examples from the real world to highlight the intricacy. It considers how AO-BPM may make defining roles and duties in process models more difficult.

The potential for various views inside a model to highlight crosscutting issues is covered in this section, along with the technological challenges that come with using the modeling tools that are now available.

This article also discusses the challenges that organizations face when they adopt AO-BPM. It specifically looks at businesses that already have their own ways of doing things.

When these companies take on AO-BPM, they will have to change some of the structures they're used to. But it's not easy to do this sort of thing because it might mess with how other things work too! In order for the new system not only to be efficient but also effective from top down then up again (which makes sure everybody can do everything well)—some adjustments won't just need making across systems but also within them.

The conclusion of the paper goes over what we learned in its pages while pointing out areas where more studies should be done into AO-BPM.

It judges how well the studies have done in spotting and sorting kinds of AO-BPM that still cause problems (known as open issues), besides giving ideas for further research on these types.

The rundown at a higher level of what readers can find in this paper comes next, focusing on parts—like looking again at something that authors think researchers must work on more. This synopsis also highlights suggestions for future practice and summarizes discussions on problems connected with AO-BPM.

