



Is Your Foundation for Continuous Change a Herman Miller Aeron or a Two-Legged Stool?

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Take Credit Code: CORSTOOL

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Laying the Foundation



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The Business Inflexibility Trap



- **Inflexibility is the Mother of All Business Problems**
 - If you're flexible enough, you can solve all the other problems
- **Information Technology (IT) is an impediment to business change**
 - It wasn't supposed to be that way!



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Level Set – What is SOA?

- SOA is *architecture* – a set of best practices for the organization and use of IT, and the *discipline* to follow them
- Abstracts software functionality as loosely-coupled, business-oriented *Services*
- Services can be composed into applications which implement *business processes* in a flexible way, without programming



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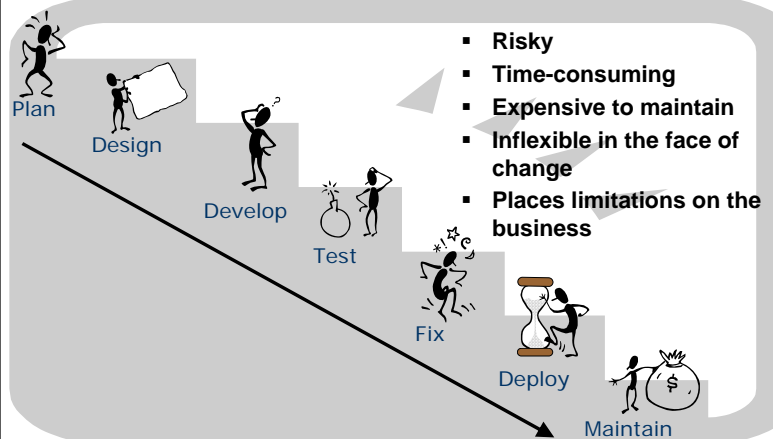
Building for ongoing change: The Death of the SDLC

- **Traditional Distributed Software Development**
 - “Waterfall” – Gather requirements, design, develop, test, deploy as separate steps
 - Works great when things don't change
 - But, over time, usually fails to meet ongoing business requirements
- **What if things are never “done”?**
 - Need iterative approaches
 - Same order, with overlapping cycles
 - Better, but still assumes project completion
- **SOA – applications are never complete, Services are always in flux**
 - *Traditional SDLC wholly inadequate*



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Building Applications the Old Way

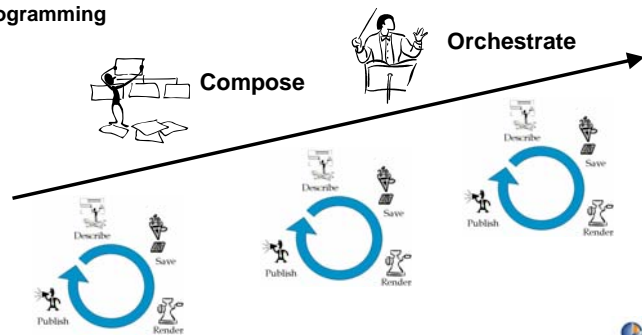


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Building SOBAs

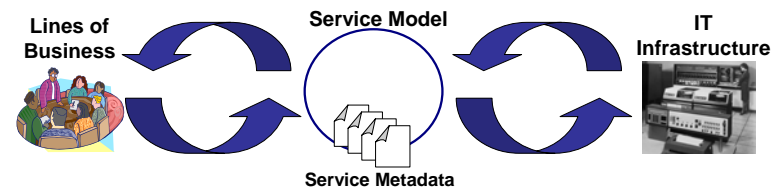
- Leverages SOA above the Service abstraction
- Meets ongoing business requirements
- Responds to change
- Lowers risk & cost
- No programming
- Agile



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Service Lifecycle Considerations



- Two concurrent lifecycles – SOBAs and Services
- Lines of business should work with metadata — no IT involvement
- Services go thru individual lifecycles – development, test, production, revision
- Service development driven by Service contracts
- Must support variety of consuming applications

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