



#92 | OREGON 2011

Database Development

Keep It Agile, Not Fragile

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Agenda

We'll cover the risks, merits, and best practices of agile database development

Agile Development

“Historia vitae magistra” - Cicero

Merits and Risks

The Good



<http://www.flickr.com/photos/architektur/3376954311/>

Augmented Reality 1-18 of 18

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 <p>ARDefender Games Released Sep 29, 2010 \$0.99 BUY APP</p>	 <p>ARSoccer - Augment... Games Released Jul 08, 2010 \$1.99 BUY APP</p>	 <p>Explore 9/11 Education Updated Sep 10, 2010 FREE APP</p>	 <p>Golfscope GPS Rangen... Sports Updated Jul 22, 2010 \$19.99 BUY APP</p>
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<http://www.flickr.com/photos/calcuttastory/5068033722/>

1
Ninja
fighting
a pirate

2


old man
fights
ninja kid

4


5
beating
an
astronaut

6


7 Beating
the
Russians
to the moon



9
3 people
dancing
for
a Taco

Merits and Risks

The Bad



Technical Best Practices

Use DDT to kill bugs

Design

Deploy

Test

Technical Best Practices

Good Design = Good Deployments

The Benefits Of Good Design	Has Data Impact	No Data Impact
Decoupled. Has Interfaces.	[Green Cell]	[Green Cell]
Coupled. Little abstraction.	[Red Cell]	Still pretty low risk. Sloppy

Process Best Practices



Automate
Balance
Communicate

Summary

We've covered the risks, merits, and best practices of agile database development

Resources

- Agile Manifesto – www.agilemanifesto.org
- Scott Ambler's Agile Data – www.agiledata.org
- Dev Nambi's blog – www.devnambi.com
- Three Myths of Agile Development,
<http://sqlserverpedia.com/blog/sql-server-bloggers/three-myths-about-agile-development/>



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Q&A