

# Free your data with the Open Data Protocol

Robert Folkesson  
Architect  
Microsoft Sweden



# agenda

- > problem space – why?
- > restful interfaces – how?
- > a new ecosystem – what?



interactive session?

> #jfokus #odata





why data services?





break data silos





== data sharing & integration



producers | protocol | consumers



REST



REST

| !protocol  
| !standard  
| !format

REST == architectural style

REST

| decoupling  
| scalability  
| layering

# resources



addressability





uniform interface

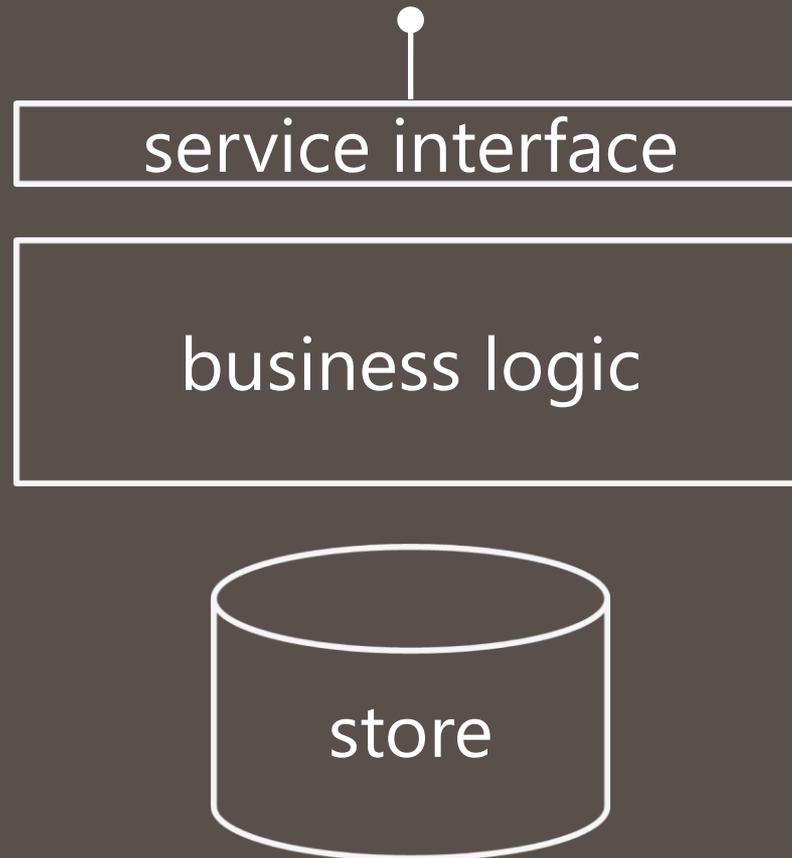




natural fit for data services



data service != gateway to database



# open data protocol

“OData”

# RESTful



http



poke-able (?)

# AtomPub



+ xml & json



+ addressing scheme



+ metadata





implementations





servers





java

.net

sharepoint

reporting services

windows azure storage

websphere



low barrier of entry



clients



got an HTTP stack?



ajax

java

php

.net

silverlight

excel + powerpivot



# resources

- > OData web
  - > <http://odata.org>
- > odata4j
  - > <http://code.google.com/p/odata4j/>
- > datajs
  - > <http://datajs.codeplex.com/>
- > email
  - > [robert.folkesson@microsoft.com](mailto:robert.folkesson@microsoft.com)
- > twitter
  - > @rfolkes
- > my blog
  - > <http://blogs.msdn.com/rob>
- > OData team blog
  - > <http://blogs.msdn.com/astoriateam>
- > msdn "data" center
  - > <http://msdn.microsoft.com/data>



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