

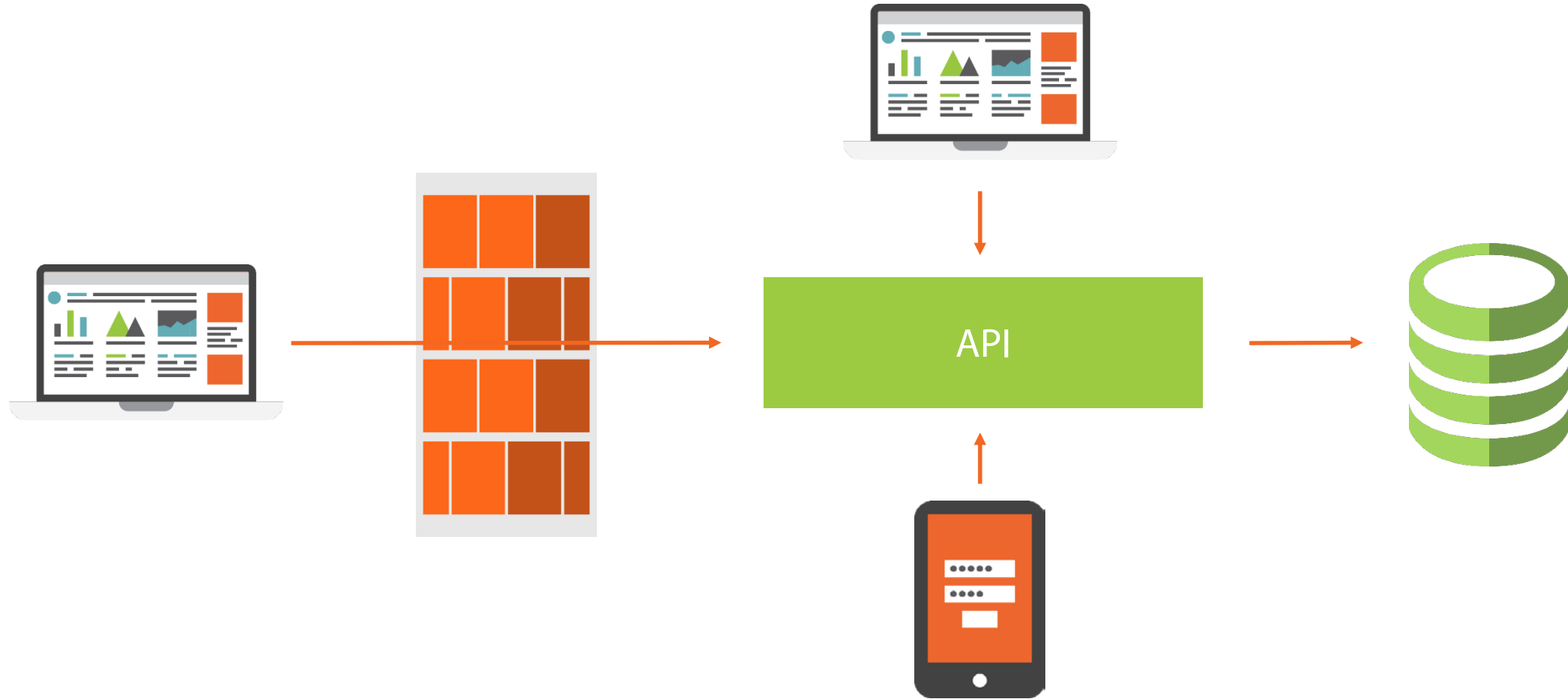
Deploying the API



Kevin Dockx

@KevinDockx | <http://blog.kevindockx.com/>

Deploying the API



Deploying to Windows Azure

- Free trial: <http://azure.microsoft.com/en-us/pricing/free-trial/>
- Azure 2.2 SDK: <http://azure.microsoft.com/en-us/downloads/>
- You don't have to use Azure to continue with this course, but:
 - Your server environment won't be realistic anymore
 - Access from a Windows Phone app to an externally hosted API is substantially easier than accessing it when hosted on localhost once we start using SSL

Deploying the DB to Azure

Learn how to deploy the database to
Azure



Deploying the API to Azure

Learn how to deploy the API to Azure



Cross-origin Resource Sharing

- Browser security prevents a web page from making AJAX requests to another domain
- Cross-origin Resource Sharing (CORS) is a W3C standard that allows a server to relax the same-origin policy
- NuGet: **Microsoft.AspNet.WebApi.Cors**

Cross-origin Resource Sharing

Same Origin

- <http://example.com/foo.html>
- <http://example.com/bar.html>

Different Origin

- <http://example.net>
 - Different domain
- <http://example.com:9000/foo.html>
 - Different port
- <https://example.com/foo.html>
 - Different scheme
- <http://www.example.com/foo.html>
 - Different subdomain

Enabling CORS

Learn how to enable CORS



Summary



The API should be (preferably) hosted outside of company firewalls

To allow Cross-origin Resource Sharing, use the EnableCORS attribute