

Services Consuming and Universal Apps with Visual Studio 2013



EVENT: HACKATHON 2014 @ BFU
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What is Universal Apps?

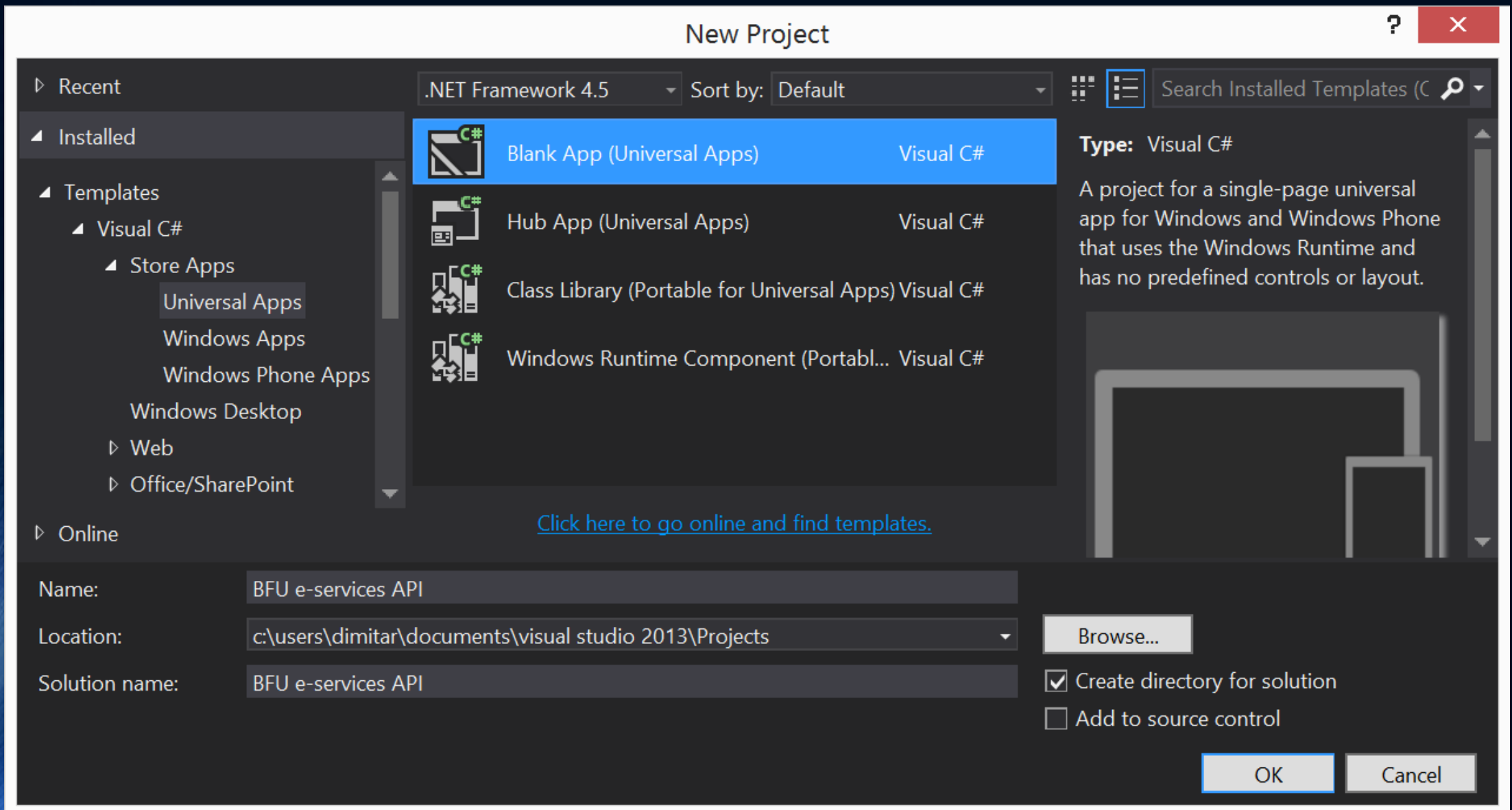
Device specific applications targeting different platforms Windows 8.1 and Windows Phone 8.1 developed using one solution and shared code.

What you need to start building Universal Apps?

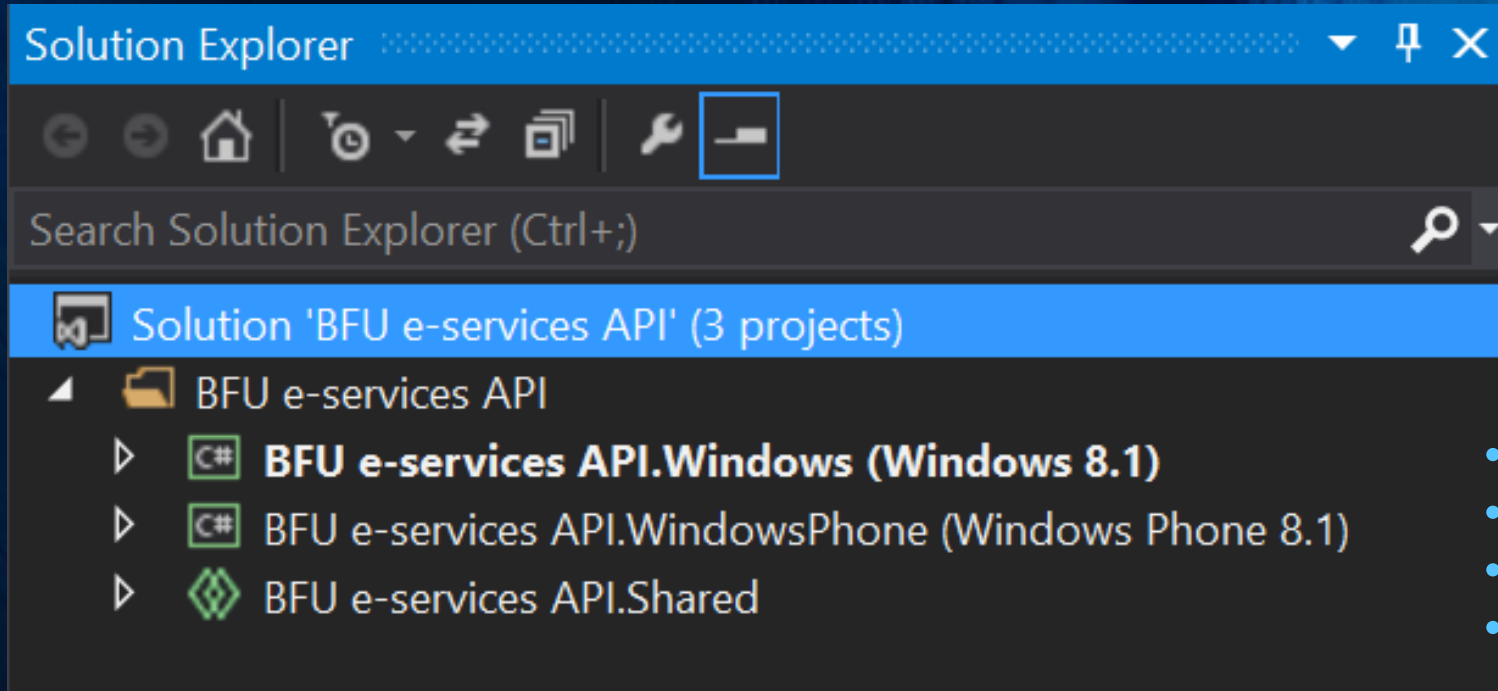
- Microsoft Windows 8.1
- Microsoft Visual Studio 2013 Update 2



Create Universal App Project



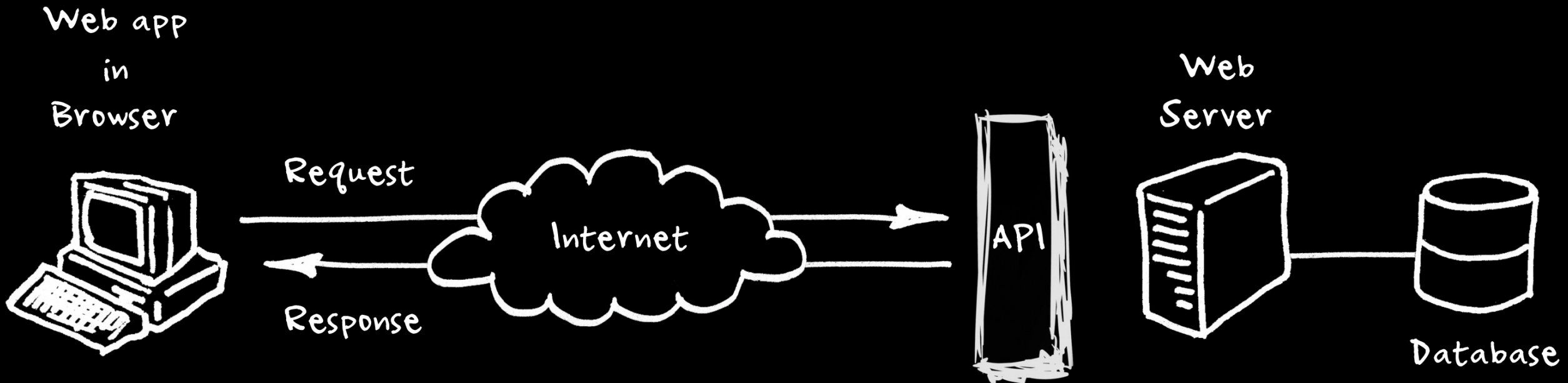
Universal App Architecture



- SINGLE SOLUTION
- WINDOWS 8.1 PROJECT
- WINDOWS PHONE 8.1 PROJECT
- SHARED CODE PROJECT

What is Services Consuming?

- Application which process data acquired from remote machine.
- For example web server which provide information to the clients on request.
- Consuming services enables you to add existing services to your application.

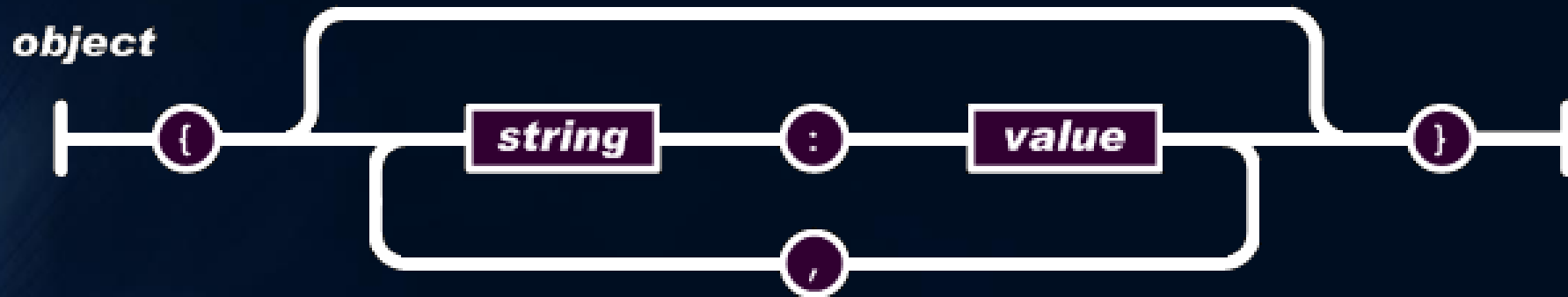


BFU E-SERVICES API

Burgas Free University (BFU) e-services Application Programming Interface (API) is a JSON web service developed by Dimitar Minchev which provides students information for: graphic, exams and marks based on their faculty number.

What is JSON?

- JSON stands for Java Script Object Notation.
- JSON is a lightweight data-interchange format.



Resources

- BFU e-services API website:
<http://e-services.bfu.bg/api/>
- More information about JSON:
<http://www.json.org/>
- JSON Online Viewer:
<http://jsonviewer.stack.hu>
- Generate C# classes from JSON:
<http://json2csharp.com/>

DEMO



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