

Consuming the API



Kevin Dockx

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

Requirements by Client Type

MVC

- Get, Create, Edit & Delete
- Sorting
- Paging
- Data shaping (associations & field-level)
- Partial updates
- Versioning

Windows Phone

- *Get, Create, Edit & Delete*
- *Sorting*
- *Partial updates*
- *Data shaping (field-level)*
- Filtering
- Caching

Retrieving Resources

Learn how to retrieve a list of resources from an MVC client



Creating Resources

Learn how to create a new resource
from an *MVC* client



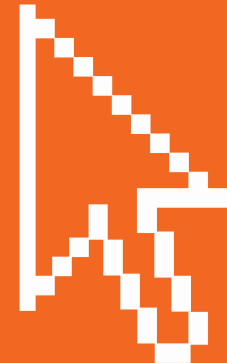
Editing Resources

Learn how to edit a resource (full update) from an MVC client



Deleting Resources

Learn how to delete a resource from an MVC client



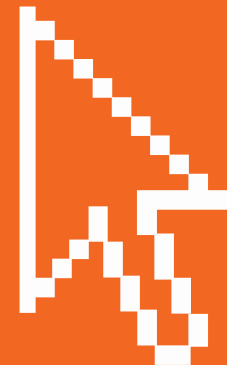
Sorting Resources

Learn how to request a sorted list of resources from an MVC client



Paging Resources

Learn how to page through a list of resources from an MVC client



Data Shaping

Learn how to request data-shaped resource representations from an MVC client



Editing Resources

Learn how to edit a resource (partial update with `JsonPatchDocument`) from an MVC client



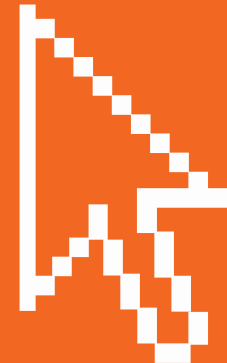
Versioning

Learn how to work with a specific version of your API from an MVC client

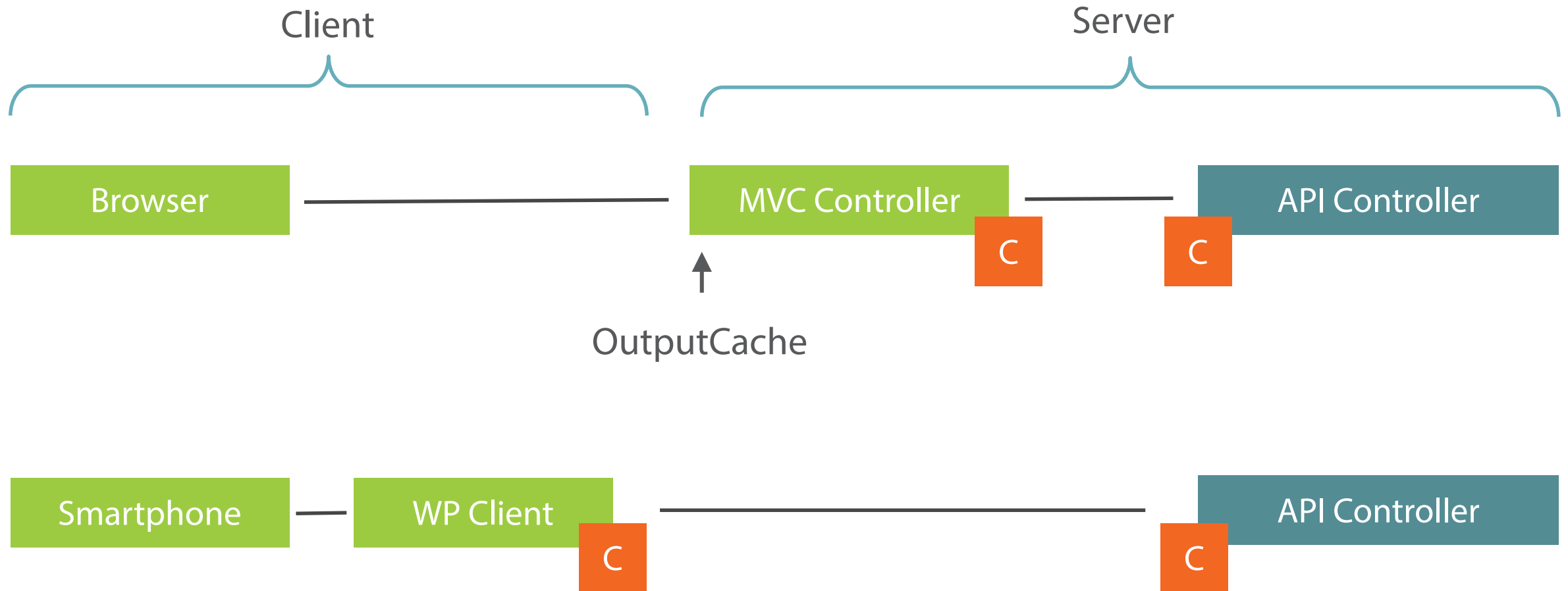


Filtering Resources

Learn how to request a filtered list of resources from a Windows Phone client



Choosing Where to Use HttpCache



Caching

Learn how to work with `HttpCache`
from a Windows Phone client



Summary



- We've learned how to consume the API from different clients
- We've implemented
 - GET, POST, PUT, PATCH, DELETE
 - Sorting
 - Paging
 - Filtering
 - Data shaping
 - Versioning
 - Caching