jQuery templates and data link
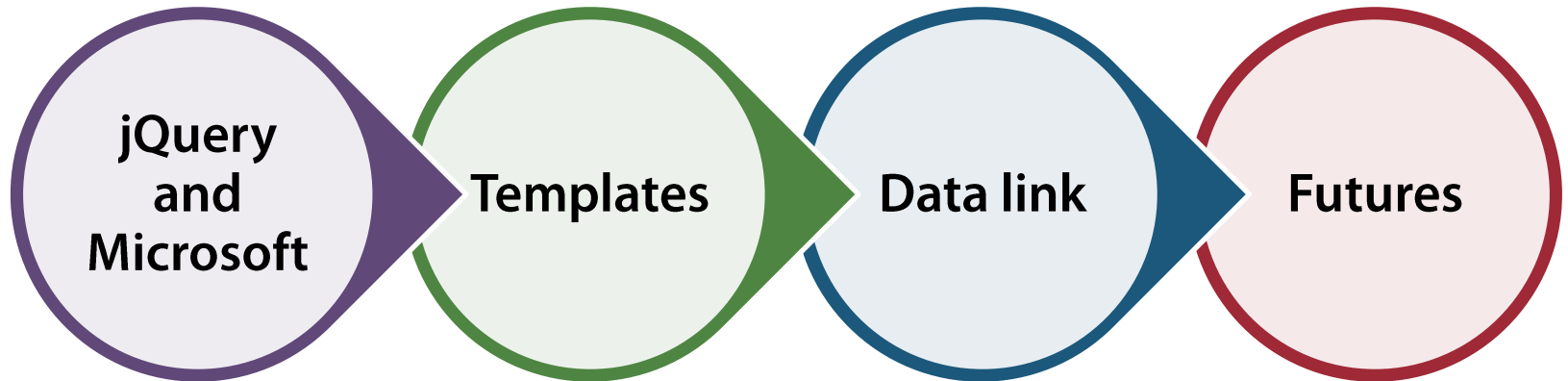
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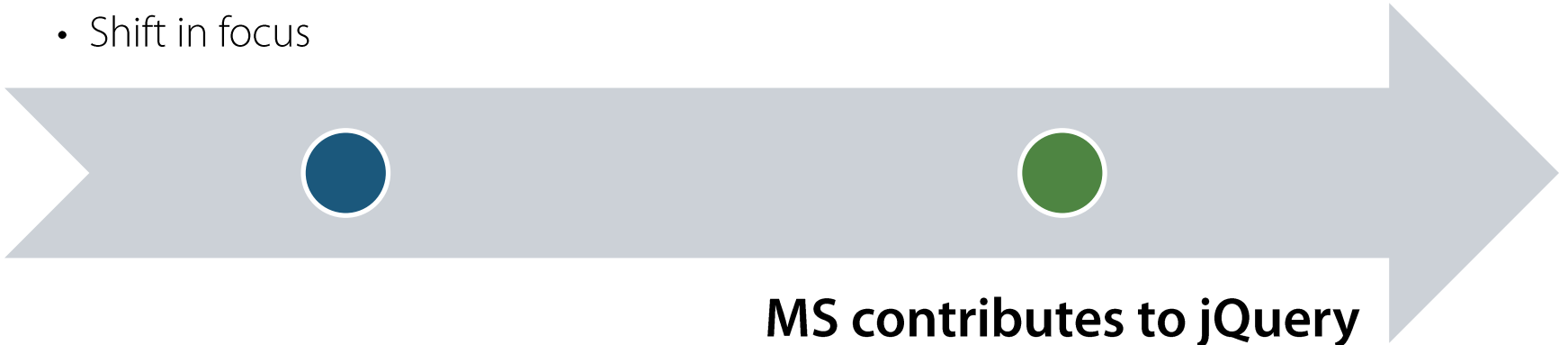 - BizTalk, WCF, Workflow, AppFabric, Azure

Outline

Microsoft and jQuery

**Ajax client library +
jQuery's meteoric rise to
popularity**

- Shift in focus

MS contributes to jQuery

- Templates
- data-link
- Globalization

jQuery templates

jQuery plugin

Client – side templates

Features

- Single object or arrays
- Conditionals
- Local or remote data

Available template tags

${} – an expression or field

{{if}} and {{else}} – conditional output

{{each}} – iterate over array elements

{{tmpl}} – invoke another template

{{html}} – use literal (aka unencoded) HTML data

{{wrap}} – wrap another template which includes HTML

data-link

Binding one object to another

- Uses change events to update targets

Currently "a little rough" in some aspects

- Support for control types

Futures

jsRender + jsViews

- Update to templates and linking

jQuery Datagrid

- Updates to some core plug-ins / APIs (including templates and binding)

Related libraries

Knockout.js MVVM for JavaScript

http://knockoutjs.com

Backbone.js MVC for JavaScript with REST service support

http://documentcloud.github.com/backbone/

Summary

- **jQuery provides a rich library for client side programming**
- **Templates and linking simplify your client rendering and binding**
- **This space is moving and new libraries will keep appearing**
  - They're JavaScript, so you can tweak to your liking