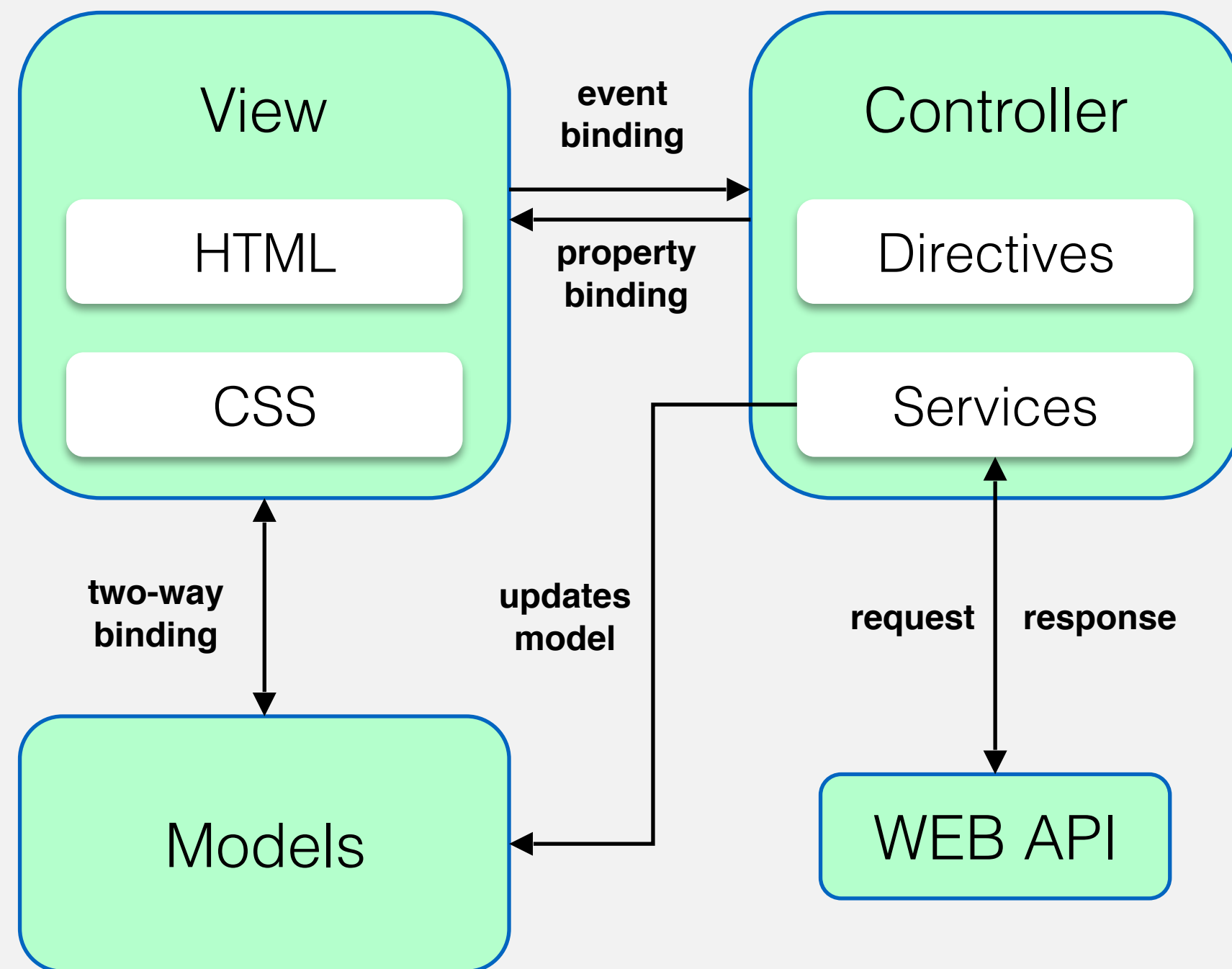


Language	CLI tool	Unit Testing	E2E Testing
Angular 1.x	X	Supported but not out of the box	Supported but not out of the box
Angular 2 +	<div><div><div>webpack</div><div>embercli</div></div><div>(Angular CLI)</div></div>	<div><div>Jasmine</div><div>KARMA</div><div>+</div><div>Istanbul</div><div>Test coverage</div></div>	<div><div>Protractor</div><div>end to end testing for AngularJS</div><div>+</div><div>Selenium</div><div>Web driver</div><div>+</div><div>cucumber</div></div>
<ul style="list-style-type: none">• Avoid painful common bugs by type-checking the code.• Reports issues without even saving file.• Leverage the type system to help you write code even faster.	<ul style="list-style-type: none">• Serve and build application for both prod/dev mode.• Run testing frameworks.• AOT and JIT compilation.• All modern frameworks now use CLI: dotnet.exe, rake, etc.	<ul style="list-style-type: none">• Testing frameworks are included out of the box.• Testing helper functions.• Additional plugins may be added in karma.config.js	<ul style="list-style-type: none">• Testing frameworks are included out of the box.• Protractor uses Selenium Server to output feature testing logs.• Cucumber is used for Automated Acceptance testing



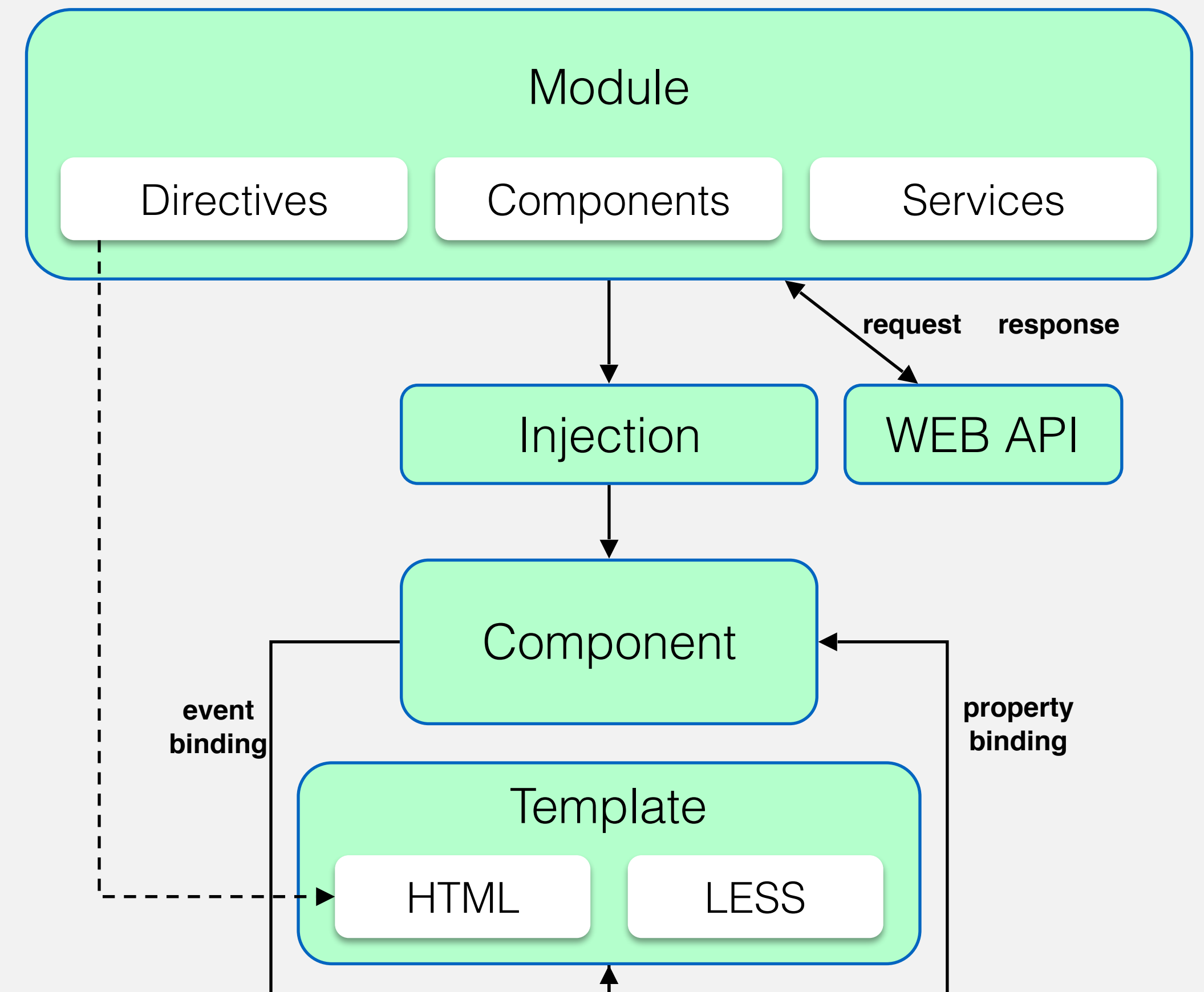
AngularJS(version 1)



The architecture of Angular 1 is based on the **Model View Controller**.



Angular(version 2 +)



Angular 2 is based on a **Component** structure, like what we see in React.js.