Templating Examples

Purpose:

* collect examples to show how we would like to use the compiler in Angular 2.0
* this makes it easier and faster to discuss different ideas
* things that we agree upon are moved to the templating design doc (<https://docs.google.com/a/google.com/document/d/1f5VWROeTI2kJwVKbNsrHuEz5IqtZe14OpoxM9fEYJNU/edit#heading=h.k972nqcof3e>) and removed from this doc

Instructions:

* Add an own section for every example/topic with your ldap and describe the main point of the example as “what” and also why this example is important

# How to define something like ngInclude, ngView, ngSwitch, multi template repeater?

### Proposal: just include dynamic html that defines a component at it's root

* ngView would just include a html page based on a route (very similar to ngInclude then)
* ngSwitch would stay the way it is
* multi template repeater:
  + ??

### Proposal: Dynamic element that dispatches to components

* For every case that should be included create a separate component.
* Those components should have similar properties though!

Implementation: Create a dynamic-element template directive that internally instantiates a has a dynamic component / creates a component / custom element

Pro:

* fits for our components as well as for custom elements defined by someone else!
* can be implemented using a template dir
* ?? how to set up binding to attributes ??

|  |
| --- |
| <template ng-repeat=”row in rows”>  <template dynamic-element="{tagName: $row.componentName, bind: { title: row.data }}">  </template>  </template> |

### Input from Rob: New element compose with attributes controller, view and data.

* All attributes can be data bound (and interpolated)
* Discussed with Rob: Using dynamic elements and components should solve the same use cases.

### Using dynamic elements and components should solve the same use cases → Focus on component approach.

# How to define ngTree?

<https://gist.github.com/vojtajina/9078191>

# Different provider for metadata.