Template Partitioning

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Having the ability to control when and where what bindings update within the DOM would be a super useful feature in Angular.

The original idea was to have a directive that would replace the container entirely when the directive expression changes:

<div ng-panel=”EXP”>

remove this div and enter in a new copy when EXP changes

</div>

However we can make even better use of this feature if it were an expression-level feature that can control when all child bindings update.

<div ng-if=”||exp”>

<!-- all of the bindings / watchers will only re-render when `exp` changes -->

{{ binding 1 }}

<div ng-repeat=”item in items”>

{{ item }}

</div>

{{ binding 2 }}

</div>

It may be a better idea here to have something on the expression level instead of another directive because we can then control scope changes and inner scope changes for ALL watchers on every level.

## Animation Hooks

If ngAnimate is used then whenever the block expression changes it will query $animate to see if an animation exists on the containing element and, if so, then it will trigger a leave animation (for the old content) and an enter animation (for the new content). Otherwise it will just render the bindings / watchers as is.