AngularJS 1.x Meeting Notes

# October 5th 2015

## Present

Brian, Igor, Matias, Lucas, Pete

## Minutes

* ngForward - Pete and Lucas had a meeting
* ComponentRouter - we are going to publish Angular 1 binary to npm angular-component-router

# September 28th 2015

## Present

Igor, Brian, Matias, Pete, Martin, Lucas

## Minutes

* G3 Sync will be completed by Matias followed by a releases of 1.2, 1.3, 1.4 and 1.5 (beta).
* The 1.2 release will probably be the final one; 1.5 contains any new features and breaking changes; 1.4 is continuing to receive bug fixes; 1.3 is on receiving security or serious bug fixes. 1.3 users should be looking to upgrade to 1.4 or 1.5 when possible.
* Lucas is looking at supporting unicode identifiers in Angular expressions.
* Pete is continuing to work on the multi-slot transclusion
* Angular Connect is only a few weeks away - Lucas and Pete are working on the 1.5 talk
* Martin is working on ngModel and ngOption issues, including supporting complex models (objects and arrays) in ngModel.

# September 21st 2015

## Present

Pete, Lucas, Martin, Igor, Brian, Matias

## Minutes

* G3 sync - G3\_v1\_2 and G3\_v1\_5
  + Matias has got approval for v1\_5, will move it forward today
  + There was a problem with "build" step of G3 - Matias will work on this
* 1.2.x release
  + Lucas would like to get another item in
  + Let's get 1.2 released next week
* 1.5.0 beta release schedule
  + Igor will find a project to G3 sync for 1.5
  + The aim is to get back to weekly releases of master (i.e. betas)
* Ideas for the 1.x A-C talk
  + There could be something exciting in animations coming
  + Some mid-level depth info about Router for 1.x
* Security audit
  + Lucas looking at the parser
  + Igor looking at the rest :-)
* Docs app outage
  + Pete filed an issue (<https://github.com/angular/angular.js/issues/12906>)
* Router update
  + Lazy loading is hard without changing the DI system
  + It might be that we could work with 3rd party lazy loader libs for Angular and get it working (mostly) with the Router. Lucas to take a look.
* module.component - Brian is working on a PR (<https://github.com/angular/angular.js/pull/12907>) related to the Router
* Multi-transclusion
  + Pete to provide new PR to demo possible API

# September 7th 2015

## Present

Pete - and no one else because they are all on holiday :-(

## Minutes

* 1.5.x Update
  + Pete is going to fork 1.4.x from master today
  + Pete took a look at the [1.5 planning spreadsheet](https://docs.google.com/spreadsheets/d/1yeCiF1TQsN2wKzjuUW73vJA8ywqJ7Srjut89tL5UuKs) and updated it with new owners for the following areas that were given priority 1:
    - **`module.component(...)` Syntactic Sugar (Pete)**
    - **Angular 1 ES6/TypeScript Story (Pete)**
    - **Interoperability between v1 and v2 (Igor)**
    - **Angular 2 DI (Lucas)**
    - **Building the router (Shahar)**
    - **Implementing Angular 1 bits (Shahar)**
    - **Lazy Loading Components**
    - **Multi-transclusion (Pete)**
  + It doesn't look like we will implement lazy loading in 1.5
  + Pete has spiked a slot-based API for multi-transclusion, which needs further development and potentially significant refactoring of the transclusion code in the compiler to make it work.
  + The Router for 1.x has made some progress with a PR being merged: <https://github.com/angular/angular/pull/3698>
  + Pete is going through the 1.3.x and 1.4.x milestones to do a clean up before forking 1.4.x from master.

# August 31st 2015

## Present

Brian, Pete, Martin, Matias, Igor

## Agenda

* What did I miss?
* Angular 1.5 - have we started it yet?
  + Now is a good time to fork master from 1.4
* npm dist-tag problem
  + Pete will fix this during the week (<https://github.com/angular/angular.js/pull/12722>)
* angular-mocks `$animate.flush` BC?
  + let's make ngMock $animate.flush a documented public API
  + Matias to fix up Material tests
  + Matias to look into running material's tests in Angular G3 sync process
* Support for older Android: We occasionally introduce parse errors because we use reserved words, see <https://github.com/angular/angular.js/pull/12610>. Can we introduce a lint rule / build step that catches these? Also, should we stop supporting old android (2.3) in 1.5.x? Our docs simply say we test on Android: <https://code.angularjs.org/1.4.4/docs/misc/faq#-what-browsers-does-angular-work-with>
  + The bug is fixed; we should add the lint test to prevent this from reoccurring
  + We should update FAQ to clarify that we don't actually test on Android but plenty of people are using it OK
* New Router in 1.x
  + angular.component would help
  + generating documentation is still broken (Pete and Brian to figure this out in mid-September).
  + we should change angular-phonecat to use new Router
* Interop with 2 is important for router interop strategy
* Releases next week: 1.5.0-beta.0, 1.4.6, 1.2.29

# August 3rd 2015

## Present

Matias, Brian, Martin

## Minutes

* Discussed plans to release 1.4.4 this week on Thursday (Martin will take care of the release)
* Matias and Brian will examine router integration this week to get it to work with 1.4.x
* 1.6 will likely have the refactored ngModel code
* 1.5 will see more fixes for ngModel

# 27 July 2015

## Present

Pete, Brian, Martin, Lucas, Matias, Shahar, Michal

## Minutes

* Internal project "self build" issue - *Lucas happy to get involved in this*
* Protractor e2e failures with `alert` - *Pete worked with Hank Duan to resolve this. It turned out it was an incorrect use of Protractor. See* [*addb1ae37*](https://github.com/angular/angular.js/commit/addb1ae37d775937688ae6f09e6f0ebd79225849)*.*
* 1 -> 2 Upgrade Efforts
  + <https://github.com/ngUpgraders/ng-forward> and <https://docs.google.com/document/d/1oq0T0-jicGzc5uYJc0LE1ZBHm0w1lhVB4IVqUPXWSCg>
  + Component Interop
    - Misko and Igor to move this forward in August
* Component Router update
  + Landing Aux Routes this week
  + Still working on 1.x build
* Forms refactor - *Martin and Pete had a discussion and decided that a big forms refactoring was out of scope for 1.5 - Martin is going to work on fixing some of the bigger bugs without a refactor over the summer.*
* Angular 2 apps inside Angular 1 app
  + Lucas spent some time with Victor to discuss ideas...
* Matias JavaScript animation demonstration
  + Next week :-)
* Angular Material
  + Matias has provided a polyfill to prevent them from having to use their own hacks.
  + *Pete to chase Thomas about compile revert-revert-fix - we landed this PR.*

# 20 July 2015

## Present

Brian, Matias, Igor, Lucas, Pete

## MInutes

* Vacations
  + Pete is going to be away for most of August.
* Animation / Material issues
  + Material was forced to implement various hacks in the past as ngAnimate did not expose the necessary hooks
  + This has caused unexpected problems from the big ngAnimate refactoring which changed the way some of these hacks work
  + We ought to have some animation testing mechanism that could check that animations are happening in the way we expect - this is not possible right now with the unit tests; Tobias had some prototype of such a tool.
* 1.5 goals update
  + `module.component(...)` - Pete to work on this this week
  + Angular 1 ES6/TypeScript Story - the external annotation libraries are meeting to converge; the ngUpgrade has some issues for discussion: <https://github.com/angular/ngUpgrade/issues>
  + Interoperability between v1 and v2 - Igor to move this forward over the summer
  + [Component Router in ng1](https://github.com/angular/angular/pull/1707) - Shahar and Brian have been in discussions about this.
    - Building the router
    - Implementing Angular 1 bits
  + Angular 2 DI - Lucas has done some preliminary experiments
    - Interop with ng2 - it looks likely that interop between ng1 and ng2 services could be too difficult
  + Lazy Loading Components - it is not clear if this is feasible at this stage as all strategies considered so far have drawbacks.
  + Multi-transclusion (<https://github.com/angular/angular.js/pull/11736>) - Igor to look into the API for this
* Issues needing escalation - None reported
* Forms refactor - Martin has been looking at the ng2 forms
* Matias JavaScript animation demonstration - to be delivered once the synchronous CSS classes animation PR (<https://github.com/angular/angular.js/pull/12248>) has landed.

# 13 July 2015

## Minutes

* Discussion of [$compile commit](https://github.com/angular/angular.js/commit/d193c3a25caa0d2c6dd149941c23163dbd062e4d) that was reverted
  + Caitlin has provided a [PR](https://github.com/angular/angular.js/pull/12290) - waiting on feedback from Angular Material team
* Summary of Forms meetings
  + Martin and Pete are going to have a look at ng2 forms and potentially spike the [] () syntax.
* Summary of Upgrade meetings
  + There are some high quality people working on ng1 annotation support
  + We have created a new project <https://github.com/angular/ngUpgrade> to capture the requirements and prototype code
* Angular Material dependency
  + We are going to implement a test run of the Angular Material project against the master branch before we run a new release.

# 6 July 2015

## Minutes

* Martin is release master today! We are releasing 1.4.2 and 1.3.16.
* We will move master over to 1.5 development and create a 1.4.x branch when the first breaking change commit lands.
* We have a document describing our thoughts on the upgrade strategy from Angular 1 to Angular 2: <https://docs.google.com/document/d/1xvBZoFuNq9hsgRhPPZOJC-Z48AHEbIBPlOCBTSD8m0Y/edit>
* Matias will demonstrate his new JavaScript animation stuff next week.
* There are two additional meetings this week: **Angular 1.5 Forms discussion** and **Angular 1.5 Upgrade Ideas**, contact Pete if you want to be involved.

# 29 June 2015

## Minutes

### Pete

Worked with Igor on interop between ng1 and ng2 directives: <https://github.com/IgorMinar/todomvc/tree/ng1-to-ng2>

Contacted a bunch of projects that try to provide annotation and ES6 support for ng1

Caitlin has started a PR for module.component().

### Matias

Worked on fixing ng-class animation issue

Do we move fix for pixel related attributes into jqLite? Yes - make it like JQuery.

What do we do about ngResource? Ask Jeff what is happening with Angular Data. What other projects are out there and do they intend to migrate to ng2?

What shall we do with the nice new animation stuff for 1.5? Will demo the javascript animation sequencing.

What are we doing about Forms. ngModel will handle collections better.

### Lucas

Played with getting ng1 services into n2, which seemed to work.

Also looked at ng2 DI in ng 1 - but this may be more hassle than it is worth.

Highlighted another ngAnimate bug -

There is a PR which provides hooks to the compiler: #6781. This could be used to provide [...] and (...) bindings.

### Martin

There is another animation PR from Matias - Martin will take a look

What do we do about ngTouch? Let's look around for someone to take it on.

### Brian

# 22 June 2015

- What’s the state of animations? Is anything new in master so that it would make sense to do a release this week? (via @narretz )

- @shahata looking at <https://github.com/angular/angular/pull/1707> (let me know if you have Q’s, want to pair or VC, etc.)

- How should we handle depreciating ngTouch? Should we close these issues? (via @narretz)

- @lmirelmann did some work on having Angular 1 and Angular 2’s DI talk to each other, and gave us a quick update. The case where you use ng 1 service in ng 2 is not too bad, but the case where you use ng 2 inside ng 1 ends up being very restrictive. Lukas has an in-progress doc he’ll share later this week.

# 15 June 2015

## Planning Meeting 2

# 8 June 2015

## Planning Meeting

# 1 June 2015

## Minutes

* Angular 1.4.0 released - Woohoo!
  + How did we do as a team over the last 6 months?  
    We would like to have released 1.4.0 earlier.  
    Get big changes in earlier.  
    Things that affect people need to be nailed down very soon  
    We should make more explicit calls on whether to move items out of the release - communicate these decisions in meetings  
    Didn't get almost any of the ngModel changes in  
    Should we have more frequent releases with smaller scope - this would be easier for developers to upgrade but makes maintenance harder.  
    We should survey developers to help decide our release velocity.
  + How did Pete do as team leader?
  + What could we have done better / instead / as well?
* Regressions to be fixed
* What next?
  + Core Features...
    - module.component / migration helpers (see below)
    - lazy loading
      * child injectors ?
    - ngModel fixes
      * should we extract current form directive stuff into its own module?
    - ngAnimate and ngClass breaking changes
    - i18n work will continue later in the summer
  + Planning Meeting
    - Next Week
    - Igor to create a spreadsheet
    - If you want an item to appear then it must be on that sheet and you must be willing to argue it
* Migration helpers
  + What will be the official Angular migration strategy?
  + Here are some community projects
    - <https://github.com/hannahhoward/a1atscript>
    - <https://github.com/pbastowski/angular2-now>
    - <https://github.com/mikeryan52/angular-decorators>
    - <https://github.com/kennethlynne/angular-component>
    - <https://github.com/cmelion/generator-angular-cmelion/blob/master/README.md#component>
* Built-with Angular
  + should we migrate this to a Firebase App?
  + do we need to think about Angular 2 apps?

# 13 April 2015

## Minutes

* Outstanding 1.4.0 issues / regressions **[Igor, Matias + Pawel are working on issues]**
* 1.4.0-rc.1 - release on Friday **[Matias - Release Master]**
* 1.4 migration guide **[Matias to send out draft by Wed night - Pete/Igor to collaborate]**
* 1.5 planning-planning
  + Component config **[Igor to look into]**
  + [Lazy loading](https://github.com/angular/angular.js/issues/11015) **[Brian to ensure examples are in the issue and to set up a meeting]**
  + Sharing code with Angular 2 **[Discuss in main Angular meeting]**
* Component Router **[Outstanding issues - Brian]**
  + ViewPort directive needs rename? **[Discuss in main Angular meeting]**
  + Placeholder in Angular 1 docs linking to router docs
  + Where to actually host the docs?
  + Migration guide from $route [
  + Migration guide from ui-router **[Brian to contact Nate]**

# 30 March 2015

## Minutes

* Release Candidate Blockers:
  + Animation refactoring **[Matias has a PR - Martin has identified some bugs]**
    - ***Igor to pair with Matias today***
  + HTTP fixes
    - **Pawel has a PR - *Pete and Pawel to pair tomorrow***
  + Michał - will fix and land JQuery related PR by tomorrow
    - ***Lucas to review***
* Beta Release Today **[Still only one or two useful SHAs - wait for the above]**
* RC next week when above are in - ***Igor will run release on Easter Monday - he will delegate as necessary :-)***
* Docs for new router
  + ***Naomi is looking into an infrastructure solution***
  + ***There should be a way to navigate to the router docs from the Angular 1 docs***
* Docs for ngMessageFormat - ***Igor will check with Chirayu***
* Tasks for the 1.4 release
  + Check outstanding issues (current milestone / purgatory / etc) **[All]**
  + Check the release scripts ***[Pete to scan through scripts]***
  + Draft Blog Post - include new router release announcement in this
  + Migration Guide (human written) ***[Brian will take a look (not this week) - Igor to review]***
  + Choose a name for new Router ***[Brian to select a nice one this week]***.
* Travis/SauceLabs flakes - much better since recent work
  + **[If there is a flake, try to re-push to trigger a new build rather than rerunning so that we can capture the flake information]**

# 23 March 2015

## Minutes

* Igor, Brian and Chirayu just got back from their trip abroad
* Release Candidate Blockers:
  + Animation refactoring **[Matias will have something to show Tuesday morning]**
  + HTTP fixes **[Pawel is going to look at this on Tuesday]**
* Beta Release Today **[Only one or two useful SHAs so not worth running a release today]**
* RC when? **[We will see where we are at with Animation at the end of the week; of we decide not to include it in 1.4 then we will release RC]**

# 16 March 2015

## Minutes

* ngSanitize Security fix landed - Yay!
  + Doesn't appear that the original fix that opened up the hole was cherry-picked to 1.3
* Release Blocking PRs:
  + i18n - waiting on update to PR
  + animation - Matias has PR - to be reviewed today/tomorrow
  + module.component - push to 1.5 (Brian to own)
* Beta Release Today/Tomorrow
  + Brian to sync now
  + Pete to run release
* RC next week
  + Open up 1.5 development when RC is released

# 2 March 2015 (ng-conf this week)

## Agenda

* Where are we with getting these major items into core before ng-conf
  + I18n PR
  + Animation PRs
    - **$$qRaf - private as it is slightly different to $q**
    - ngAnimate refactor (small BC: cannot have CSS and JS animations at the same time; new service **$animateCss** inside ngAnimate)
    - **they()** spec runner to land today
  + $cookies PR
    - New PR is ready - squashed: <https://github.com/angular/angular.js/pull/11222>
  + ngModelOptions timezone PR: needs docs and review
* New Router - will we have a RC to go with 1.4?
* 1.4.0-rc.0 release date? Thursday? Will it be ready? Who will do it?
  + if ngCookies and $$qRaf are in (Lucas)
  + $animate changes
  + I18n?? (Martin)
  + **Release RC0 on Monday (if it is ready)**
* Availability: many people travelling / attending ng-conf
* npm/install-dependencies.sh is doing my head in! [Pete]

## Minutes

# 23 February 2015 (One week to go!)

## Minutes

**Matias**: big animation refactoring - Martin will take a look at PR. Delay RC release until ng-conf to allow animation and i18n changes to go in and settle. RCs will not contain new features only bug fixes and regressions.

**Igor**: Martin is going to fix some Windows issues to unblock Karma release; Travis is having some upgrades but it will be much happier soon

**Pete**: Will talk to Jeff about getting docs deployment back up and running

**Pawel**: What will be in the ng-conf speech? Positive announcements about 1.5 - there will be on-going development; don't mention IE versions. Pawe and Lucas will share the presentation in a few days once they have iterated on it.

**Chirayu**: Settled on the intra-interpolation syntax, which adds a new comma operator inside Angular expressions (but only for interpolation service - no changes to $parse).

# 16 February 2015 (Two weeks to ng-conf)

## Agenda *(please add items)*

### Standing Items

* Review of last week's actions (big things of note)
* 1.4 Goals - progress update (quick update from each attendee)
  + Router {Brian}
  + I18N {Chirayu}
  + Forms {Pete/Martin}
  + HTTP {Pawel}
  + Parser {Lucas}
  + Cookies {Shahar}
  + ngAnimate {Matias}
  + ngMessages {Matias}
  + error on redefining a module {Lucas}
  + module.component {Igor?} - is this actually a good idea?
  + error on non-optional isolated expression binding {Caitlin}
  + limitTo filter improvement (See this [issue](https://github.com/angular/angular.js/issues/5355#issuecomment-71373227) / land #10899?) {Pawel}
* Issues/PRs for this iteration (any significant issues/PRs to be aware of?)

### Adhoc Items

* Docs pointing to 1.3.x? **[Pete]**
* Memory Leaks : [#3543](https://github.com/angular/angular.js/issues/3543), [#8532](https://github.com/angular/angular.js/issues/8532), [#9748](https://github.com/angular/angular.js/issues/9748), [#10706](https://github.com/angular/angular.js/issues/10706) **[Pete]**
* Long term support timescales? **[Lucas]**[*Beginning January 12, 2016, only the most current version of Internet Explorer available for a supported operating system will receive technical support and security updates*](http://support.microsoft.com/gp/Microsoft-Internet-Explorer)
* Deprecation/Termination of ngScenario **[Pete]**
* ngMessages naming convention **[Matias]**
* There’s a long standing iOS 8.1 bug which hasn’t had any “official” response: <https://github.com/angular/angular.js/issues/9128> Is this something we can / should handle?

# 9 February 2015 (Three weeks to ng-conf)

## Updates

**Lucas** - Putting together some benchmark figures for the update to the parser - real life use cases ~25% faster and about the same memory. Working with Brian on router.

**Martin** - created a bunch of fixes to be merged; review Forms design

**Matias** - animation refactor; timelines are implemented including routing animations;

**Shahar** - timezone for ngModel;

**Brian** - work on router use cases; documentation; code usage ergonomics;

**Pete** - doc-gen for router; release; merged and triaged

**Chirayu** -

### Standing Items

* Review of last week's actions (big things of note)
* 1.4 Goals - progress update (quick update from each attendee)
  + Router {Brian}
  + I18N {Chirayu}
  + Forms {Pete/Martin}
  + HTTP {Pawel}
  + Parser {Lucas}
  + Cookies {Shahar}
  + ngAnimate {Matias}
  + ngMessages {Matias}
  + error on redefining a module {Lucas}
  + module.component {Igor?} - is this actually a good idea?
  + error on non-optional isolated expression binding {Caitlin}
  + limitTo filter improvement (See this [issue](https://github.com/angular/angular.js/issues/5355#issuecomment-71373227) / land #10899?) {Pawel}
* Issues/PRs for this iteration (any significant issues/PRs to be aware of?)

### Adhoc Items

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* Long term support timescales? **[Lucas]**[*Beginning January 12, 2016, only the most current version of Internet Explorer available for a supported operating system will receive technical support and security updates*](http://support.microsoft.com/gp/Microsoft-Internet-Explorer)
* Deprecation/Termination of ngScenario **[Pete]**
* ngMessages naming convention **[Matias]**

# 2 February 2015 (Four weeks to ng-conf)

## Minutes

Pawel and team (names??) attended

Apologies from Martin, Caitlin, Jeff, Shahar

### Standing Items

* Review of last week's actions (big things of note)
* 1.4 Goals - progress update (quick update from each attendee)
  + Router {Brian} - couple of big redirect related improvements; aligned with Material Design animation goals; RFC for lazy-loading to come; work with Pawel and Lucas this week
  + I18N {Chirayu} - regular meetings are set for Wednesdays; cleared up GH issues; played with code this week; delegate tasks; ensure 1.4 features (pluralization?) are completed earlier;
  + Forms {Pete/Martin}
  + HTTP {Pawel}
  + Parser {Lucas}
  + Cookies {Shahar}
  + ngAnimate {Matias} - drivers are extracted; timelines are implemented
  + ngMessages {Matias}
  + error on redefining a module {Lucas}
  + module.component {Igor?} - is this actually a good idea?
  + error on non-optional isolated expression binding {Caitlin}
  + breaking up ng into smaller modules {Pete}
  + limitTo filter improvement (See this [issue](https://github.com/angular/angular.js/issues/5355#issuecomment-71373227)) {Pawel}
* Issues/PRs for this iteration (any significant issues/PRs to be aware of?)

### Adhoc Items

* Docs pointing to 1.3.x? **[Pete]**
* Memory Leaks : [#3543](https://github.com/angular/angular.js/issues/3543), [#8532](https://github.com/angular/angular.js/issues/8532), [#9748](https://github.com/angular/angular.js/issues/9748), [#10706](https://github.com/angular/angular.js/issues/10706) **[Pete]**
* Long term support timescales? **[Lucas]**[*Beginning January 12, 2016, only the most current version of Internet Explorer available for a supported operating system will receive technical support and security updates*](http://support.microsoft.com/gp/Microsoft-Internet-Explorer)
* Deprecation/Termination of ngScenario **[Pete]**
* ngMessages naming convention **[Matias]**

# 26 January 2015 **(Five weeks to ng-conf)**

## Minutes

### Present

Pete, Caitlin, Lucas, Martin, Pawel, Shahar, Brian, Chirayu

### Standing Items

* Review of last week's actions (big things of note)
* 1.4 Goals - progress update (quick update from each attendee)
  + Router {Brian} - docs mostly done - refactoring - use Use Case issues for tracking
  + I18N {Chirayu} - weekly meeting planned - python prototype is done and demoed - more use cases identified
  + Forms {Pete/Martin} - too ambitious for 1.4 - simple presentation for ng-conf
  + HTTP {Pawel} - PRs are in place <https://github.com/angular/angular.js/pull/10853>
  + Parser {Lucas} - still waiting on Igor [landing by weekend if no one blocks]
  + Cookies {Shahar} - still waiting on Igor / sending RFC / decide on merging next week
  + ngAnimate {Matias}
  + ngMessages {Matias}
  + error on redefining a module {Lucas} - un-nice solution / sending RFC
  + module.component {Igor?} - is this actually a good idea?
  + error on non-optional isolated expression binding {Caitlin} - land non-breaking version by Friday if no other comments
  + breaking up ng into smaller modules {Pete} - no point in doing arbitrary separation of code into modules - do it piecemeal as and when a requirement for a new module is identified
  + limitTo filter improvement (a.k.a. slice filter) {Pawel} (See this [issue](https://github.com/angular/angular.js/issues/5355#issuecomment-71373227)) - Extend the existing limitTo filter and merge
* Issues/PRs for this iteration (any significant issues/PRs to be aware of?)
  + **39 open items** on 1.3.11/1.4.0-beta.2 milestone

### Adhoc Items

* Excellent Triaging this week! **[Pete]**
* NPM issue **[Pete]** - problems in bower repos were reverted.
* Memory Leaks : [#3543](https://github.com/angular/angular.js/issues/3543), [#8532](https://github.com/angular/angular.js/issues/8532), [#9748](https://github.com/angular/angular.js/issues/9748), [#10706](https://github.com/angular/angular.js/issues/10706) **[Pete]** - Lucas to take a look at Chrome issues
* Long term support timescales? **[Lucas]** - raise this at team meeting
* Decide if / how we want to fix issues related to replace: true. It’s been deprecated, but there are still issues popping up. (see [Gist](https://gist.github.com/Narretz/8292e353f75b108882d8)) **[Martin]** - Mark the issues as 'wontfix', close and document them as known issues in the docs.
* Make directive inline template handling asynchronous? **[Pete]** - Pete to take a further look - welcoming input
* Point documentation site at 1.3.x (See [this tweet](https://twitter.com/IgorMinar/status/555866914543517697?t=1&cn=bWVudGlvbg%3D%3D&sig=f6561a267c9c7b97585ae3913a1640bc10052f1a&al=1&iid=438bbb7f83ce47fe984b40b361258f4c&autoactions=1421363975&uid=323470523&nid=4+1264)) **[Pete]** - Pete will talk to Jeff about this
* EventStreams in ngModel (See <https://github.com/baconjs/bacon.js>) **[Pete]**

# 19 January 2015

## Minutes

### Standing Items

* Review of last week's actions (big things of note)
* 1.4 Goals - progress update (quick update from each attendee)
  + Pawel - $http url serialization - see design doc (<https://gist.github.com/pkozlowski-opensource/5a57d28ccfeacaba7661>) **[in progress - discussion deadline Friday]**; factory; other small items e.g. progress events
  + Lucas - waiting on Igor to review Parser refactor **[discussion deadline Friday]**; aim to work on injector this week (potential problems in ngLocale and running tests)
  + Martin/Pete : initial discussion of ngModel refactoring: <https://docs.google.com/document/d/1-MhomULgCFOXVsqAGrI7l-cXYMYmJM4BMzgy_anC93o/edit?usp=sharing> and <https://github.com/petebacondarwin/ngModelPOC> **[Design doc to be ready for meeting by Monday]**
  + Matias: ngMessage PR (dynamic message via repeat/if etc): <https://gist.github.com/matsko/05e0977eef376460de3a> **[Add suggestions for ng-message-match to the gist by Friday]**
  + Matias: ngAnimate scheduling engine **[Proof of Concept this week / Review next Monday]**
  + Shahar: ngCookies comments are resolved - waiting on Igor; **[Should we move all cookies to separte ngCookies module - Shahar to send RFC]**
* Team availability for this iteration (any significant unavailability?)
* Issues/PRs for this iteration (any significant issues/PRs to be aware of?)

### Ad hoc Items

* 1.4.0-beta.0 release postmortem **[Pete]**
  + This was the first minor branch change for some time, with some significant changes to the release process being landed in the meantime.
  + The first attempt at release had not updated the `branchVersion` property in package.json, which led to the release failing - this is a good failure
  + Updating the `branchVersion` allowed the release to continue but then the docs.angularjs.org application failed, due to the application trying to load Angular from the Google CDN using an invalid URL. The version number had been replaced by a null
  + This turned out to be due to a number of problems.
    - First, the CDN version computation tried to find versions that semver satisfied 1.4.\* but 1.4.0-beta.0 is assumed to be lower than 1.4.\* and so does not satisfy it. This meant that the list of available versions was empty, resulting in a null. **This was fixed by refactoring the build process to use two package.json properties: `branchPattern: 1.4.\*` and `branchVersion:^1.4.0-beta.0`. The former used by the bash release scripts; the latter use to compute the CDN version.**
    - Second, the CDN version computation checks that the file actually exists on the CDN before using it; falling back to a previous version in the same branch if it does not. Since there was only one version 1.4.0-beta.0 and since this had not yet been pushed to the CDN, we again were left with no available versions, resulting in null. **The temporary fix was to manually update the docs.angularjs.org application to the previous 1.3.8 version while the CDN push occured. Then allowing the snapshot build process to update to the correct CDN when 1.4.0-beta.0 was available. This is yet to be fixed for future minor version changes.**
  + Also, this version's modules were published to npm with an invalid index.js file, which broke users who were using require.js and npm to install and use AngularJS.  
      
    *Caitlin thinks it would be a good idea to have a “known good” tag for each module, so that reverting in angular/angular.js doesn’t leave broken bower repositories. EG, publish scripts would checkout the known good tag, make its changes, and release --- publishing with a revert of whatever changed in the script would fix whatever changed in each module.*  
    - This was due an automatic release (v1.3.9-build.13+sha.c5686c5) that caused the invalid index.js to be added to each of the Angular bower repositories.
    - Although the commit that had caused this file to be added was reverted, the index.js was not removed from the bower repositories. So subsequent releases (including 1.4.0-beta.0 and 1.3.9) contained this file. Once the modules had been published to npm it is not possible to revert that version.
    - **Pete posted an explanatory email to a user who complained. We need to deprecate those versions (1.4.0-beta.0 and 1.3.9) of AngularJS modules on npm to highlight the problem for potential users.**
    - **We need to make a new release of 1.4.x and 1.3.x containing the correct index.js. *As Caitlin suggested, we should have fixed the problem and released again immediately to mitigate the issue for users.***
* 1.3.9 Release Postmortem **[Pete]**
  + This release also had the same npm issue as detailed above, with an equivalent fix.
* Testing and mocking with time ($timeout/$interval/$browser/.../flush/etc) **[Lucas]**
  + Currently there are a number of different parts of Angular that deal with time management
  + Remove all the time keeping stuff from $browser and put it into its own $time service, which can be mocked reliably.
  + **[Lucas is post as an RFC - team should comment on it - contact Julie about Protractor implications]**
  + See <https://docs.google.com/document/d/1nkTDEd6yaV9KWEqXEuqHjFzt3WtZ_WNVFC1vA1la0ts/edit#heading=h.z7n2upnk1exi>
* Namespaced one-time binding (1.5 idea - **[discuss at another meeting]**) **[Lucas]**
* TravisCI flakey **[Pawel]**
  + Julie has created a browser stability document to try and track down the problems: <https://docs.google.com/a/google.com/spreadsheets/d/12-QgGjC8jUuKDsEy3FumM-UDAo-ZqRt0zdZY82WfZY8/edit?usp=sharing>
  + We should add to this when we see flakes.
* Triaging Best Practises **[Pete]**
  + There is a lot of good commenting on issues and PRs but they are not being labelled and moved to milestones. if you look at something long enough to comment on it but don't "triage" it then others will waste time looking at things that have already by looked at. Can we agree some best practices:
    - If you even look at an issue or PR (yours or anyone else's) then you should assign labels, at the very least.
    - If it is not valid or a duplicate, mark it appropriately with labels, and close it with a comment explaining why.
    - You should then move it to a milestone, if possible:
      * **1.4.x** if it is a valid case that you feel should be dealt with before March.
      * **Backlog** if it is a valid issue but not urgent
      * **Purgatory** if it requires more information from the original submitter
      * **IceBox** if you think it is valid but not something that we are likely to do in Angular
    - If it is not possible to move it to a milestone then you should comment why and find another core team member as soon as possible to discuss this and find a resolution.
    - Finally, if you are triaging someone else's PR and you start to engage with it then it is good practice to assign it to yourself if you have time to come back to it

# 12 January 2015

## Minutes [and Actions]

* Review of last week's actions
  + Pete: big refactoring of ngOptions (landed)
  + Caitlin raised concern about splitting files in 1.4 from a backporting point of view; (Pete said that input.js has already been split in 1.3 as well to help mitigate this; splitting select.js was more complex due to disentangling ngOptions.)
  + Martin - do we need to communicate more clearly what will go into 1.4/1.3/1.2? (The blog post does describes this.)
* 1.4 Goals - progress update (quick update from each attendee)
  + Pete: started work on [Forms/ngModel design doc](https://docs.google.com/document/d/1-MhomULgCFOXVsqAGrI7l-cXYMYmJM4BMzgy_anC93o/edit?usp=sharing)
  + Brian: router work is 2.0 oriented right now - large workload; 1.x router works for basic cases; next steps are getting feedback; **[docs for 1.x]**
  + Chirayu: basic use cases are prototyped in python; **[convert to JS; set up a meeting for contributors; define timelines]**
  + Lucas: new parser waiting review **[Igor to review this week]**
  + Pawel: some progress on individual PRs
  + Caitlin: has provided a PR for compile fix [Pete will review this week]
  + Shahar: fixing comments after review by Igor : Lucas suggested that ngCookies could be in a separate module file [additional review requested]
* Team availability for this iteration (any significant unavailability?)
  + Pawel: away sorting out visa for USA trip
* Issues/PRs for this iteration (any significant issues/PRs to be aware of?)
* Jenkins/Travis Stability
  + Browserstack runs are currently optional to collect flake information
  + Julie has a spreadsheet to track flakes
  + Igor has contacted Travis to get more fine grained failure information
* BenchPress is being redesigned (by Tobias)
  + Protractor/WebDriver driven
  + Chrome remote debugging protocol
* ngFixIt Milestone
  + Igor and Pete to review leftover issues/PRs on Wednesday
  + A new FixIt may be coming soon [assign PRz Plz label to appropriate issues]

# 8 December 2014

Router update

* phonecat demo
* work in progress: routing + animations (especially for mobile apps, swipe support)
* AI(pete): setup a deep dive meeting

Internationalization update

* core template syntax needs to be modified with plurals and gender support
* exploring BiDi - ugly area with lots of issues
* AI(chirayu): break up the whole thing into components and solicit help from core team or community

PRz please issues

* update triaging doc
* create a new label for easy PRs
* review existing "PRs please" issues and retag them with the new "easy PR" label if applicable
* "I want to help app" - way to see easyPRs scheduled for the current milestone/release train
* AI(pete): determine who owns this

Batarang

* existing issues raised
  + for some reason chrome webstorm didn't propagate the latest update to all people
  + there might be some left over incompatibilities with Angular 1.3.x
  + AI(Igor) see if we can reproduce chrome webstore issues
* AI(Igor) to reach out to ng-inspector to see if we can consolidate on a single extension that just works and does all the cool stuff

1.4 planning

* meeting on Thursday
* AI(all): submit proposals into the doc

Lucas - $parse optimizations

* overall 20% improvement for dirt-checking
* [parse-ast](https://github.com/lgalfaso/angular.js/tree/parse-ast) branch
* AI(pete): add to 1.4 planning meeting agenda

# 1 December 2014

1. Routing
   1. Demos up later today
   2. Next step - revisit issues from 1.x
2. I18N
   1. Meeting tomorrow
3. Materialize the docs
   1. IE9 is not supported but only 2% of users of docs are on IE
   2. Community group are working on this (2 meetings so far)
   3. Georgios K has produced initial mock up
   4. Work will be merged into materialize branch on Angular.js
   5. There is doc: <https://docs.google.com/document/d/1pPK4IGRBjvgCx1bR6zEX8ET1ORU3DzUYHh4lCMU_V8g/edit?usp=sharing>
4. ngFixIt Milestone
   1. This contains PRs that are either waiting to be merged or partially complete - Igor is going to look through it and clean it up
   2. No more Issues or PRs should go in this Milestone
5. ngPanel
   1. Matias demoed his ngPanel directive: <http://plnkr.co/edit/JaNzNt2Kq2vOzkQGznvO?p=preview>
   2. Igor:it was only important if used with animation
   3. Lucas: the track by doesn't seem to be needed
   4. Igor: there may be related use cases around pagination, say
   5. Matias is going to create a design doc and we can add use cases and comment
6. SauceLabs - there have been a number of flakes recently;
   1. should we look at other services? Igor is going to ask Vojta to look at this
7. minErr message truncation
   1. there have been complaints about the links being broken
   2. Pete is going to look into this
8. 1.3.5 release has been blocked by DDoS on DNSimple.

# 17 November 2014

1. Last iteration review
   1. We delayed the release to Monday (today) this allowed more PRs to be merged
2. Router Update
   1. Brian has demoed his stuff - it will be pushed publicly this week
   2. The way to generate links from route information is still to be finalized
3. I18N
   1. Chirayu has been working on the comments to to doc
4. ngHint - Brian is going to look into the recent bug reports
5. 1.4 Timeline
   1. We should do a 1.4 - the timeline will be Q1 2015
   2. The team should assign '1.4 candidate' label to potential items for 1.4
   3. We should agree what is in during December
6. Release Day
   1. We agreed to move the releases to Mondays
7. Community Contributors
   1. We acknowledged that there are a smallish group of people in the community who do a considerable amount of work (triaging/PRs/etc).
   2. We need to connect better with these - Pete is going to try to arrange a regular briefing meeting with these people to get their feedback and give them access to the team
8. Infrastructure Improvements
   1. Jeff is going to pair with Chirayu to look at things like cloud based hosting and log storage for our websites
9. Fix-it Hackathon
   1. We should apply 'PRs Plz' labels to items that could be attempted at the Hackathon
   2. We should do a release before the Hackathon since there may be lots of changes that are difficult to sync into G3 on the Monday
10. BenchPress CI update
    1. Jeff is getting BenchPress working with Karma - which will enable us to run it in our CI
    2. BP tests will probably be too long running to execute on every push to GitHub.
11. Angular Docs and Angular Material
    1. There is an interest in rewriting the docs app to use Angular Material (and in the future the new router)
    2. Caitlin will act as contact point, with support from Peter (dgeni/old docs app) and Matias (Angular Material)

# 10 November 2014

1. Last iteration review
   1. Some of the issues in the 1.3.2 milestone may not be possible to fix without breaking changes - we should make decisions about these issues: either we should find a way to fix in 1.3, wait for 1.4 or push to 2.0.
2. Router Update
   1. Brian was away but he may have some scenarios to demo
3. I18N
   1. Chirayu is putting together a doc that will lay out the scenarios and ideas for this. Once it is cleaned of private internal info it will be made public.
   2. Igor is arranging a meeting with various community members to be involved in this
4. Project Management Tools
   1. We are going to fix on using a new dedicated Hangout for daily stand up reports
   2. Use Asana for the release task and meetings.
5. Freezing the Iteration Milestone
   1. The current milestone (1.3.3) is frozen after the meeting.
   2. We will create a next milestone (1.3.4) to put important issues that we don't want to lose in the 1.3.x milestone
   3. This new milestone will break the dashboard so we need to fix that
6. Daily Standups
   1. Continue to do these for all team members even if they have not done anything that day.
   2. Use a new Hangout
7. Triaging
   1. We are getting behind on triaging - over 45 PRs and Issues
   2. Wednesday is going to be triage day - every team member should deal with 9.
   3. Igor mentioned that there is a SF hackathon coming up - feel free to suggest issues for that by attaching the "PRs plz!" label.
8. Weekly Syncs
   1. Pete is arranging to have a weekly chat with each remote member
9. Issues / PRs
   1. There are already plenty of issues in the 1.3.3 milestone.
   2. If we clear our tasks then consider taking an item from 1.3.x

# 3 November 2014

## Questions on Pete's mind:

1. Who is on the 1.x team?
   1. Pete
   2. Brian
   3. Pawel
   4. Martin (Narretz)
   5. Chirayu
   6. Caitlin
   7. Jeff
   8. Matias
2. What are their roles / goals / focus?
   1. Brian is on Router?
   2. I18N - Pascal Precht?
   3. Angular Material - ajoslin/matias?
   4. Caitlin - forms etc
   5. Pawel - Router/I18N?
   6. Martin - forms
3. How much time is each team member able to commit?
4. What will go into 1.3.x releases?
   1. **Regressions**
   2. **Memory Leaks**
   3. **General Bug fixes**
   4. Minor Features?
   5. Non-breaking medium features?
5. Who is responsible for interacting with Google projects? (**Chirayu/Jeff**)
   1. syncing G3
   2. investigating bugs in Google projects caused by AngularJS commits
6. Shall we agree that 1.x is not following strict semver?
   1. This would allow us to add features to 1.3.x
7. Do we still want to roll out weekly releases or more infrequently?
   1. Perhaps we follow Jeff's idea of themed releases, which are feature boxed rather than time boxed?
   2. Can create more conflicts in development
8. What is going to happen about 1.2.x?
   1. Only fix as needed.

## 1.3.2 Milestone

1. There are 14 open issues/PRs in 1.3.2 milestone, ~~with 7 assigned to nobody.~~
2. Items should be assigned or moved to the next milestone.
3. Assigned items should have commitment from the assignee that they can be done in the iteration time frame.