



David Leon Rosenthal <rosenthal.dleon@gmail.com>

Performance!!!

48 messages

Amol Sarva <a@sarva.co>

Mon, Jul 8, 2013 at 10:45 PM

To: lingmin.zhou@smart4c.com, Long Liangyou <forallandiyou@gmail.com>, pokka lee <ifunafu@gmail.com>, David Rosenthal <david@knotable.com>

Hello all

Please focus on these items today

- add logging like observatory js
- deploy to [knotable.meteor.com](#) and [knot.meteor.com](#)
- make sure the tokens for oauth are not expiring
- make sure we don't get stuck in infinite loop on adding gmail (in sign up...)
- make sure the main index.html screen does NOT show log in boxes. it should show progress. Otherwise we see login too much
- add logging for checking mails
- make sure we check mails frequently when user is actively logged in
- check mailgun --> sending/receiving replies needs to work

--

// Amol Sarva, Ph.D. // a@sarva.co // (530) SARVA-77 // <http://a.sarva.co> // @amol**David Leon Rosenthal** <rosenthal.dleon@gmail.com>

Mon, Jul 8, 2013 at 11:19 PM

To: Amol Sarva <a@sarva.co>

Logging feature will be added to [knotable.meteor.com](#) and [knot.meteor.com](#)? Do you still want to create [knotdebug.meteor.com](#)?

[Quoted text hidden]

Amol Sarva <a@sarva.co>

Tue, Jul 9, 2013 at 6:58 AM

To: lingmin.zhou@smart4c.com, Long Liangyou <forallandiyou@gmail.com>, pokka lee <ifunafu@gmail.com>, David Rosenthal <david@knotable.com>

Long and Lingmin

Can you update what you worked on today in this list?

Pokka is not there. Says he was in hospital.

Amol

On Mon, Jul 8, 2013 at 10:45 PM, Amol Sarva <a@sarva.co> wrote:

[Quoted text hidden]

[Quoted text hidden]

Long Liangyou <forallandiyou@gmail.com>

Tue, Jul 9, 2013 at 7:00 AM

To: Amol Sarva <a@sarva.co>

Cc: lingmin.zhou@smart4c.com, pokka lee <ifunafu@gmail.com>, David Rosenthal <david@knotable.com>

Hi all,

added observatory js to our meteor app.

deployed to [knotable.meteor.com](#) and [knot.meteor.com](#). you can login now.

We have got the refreshToken, if the accessToken has been expired, the app would use refreshToken to get a new accessToken.

[Quoted text hidden]

Amol Sarva <a@sarva.co>

Tue, Jul 9, 2013 at 7:02 AM

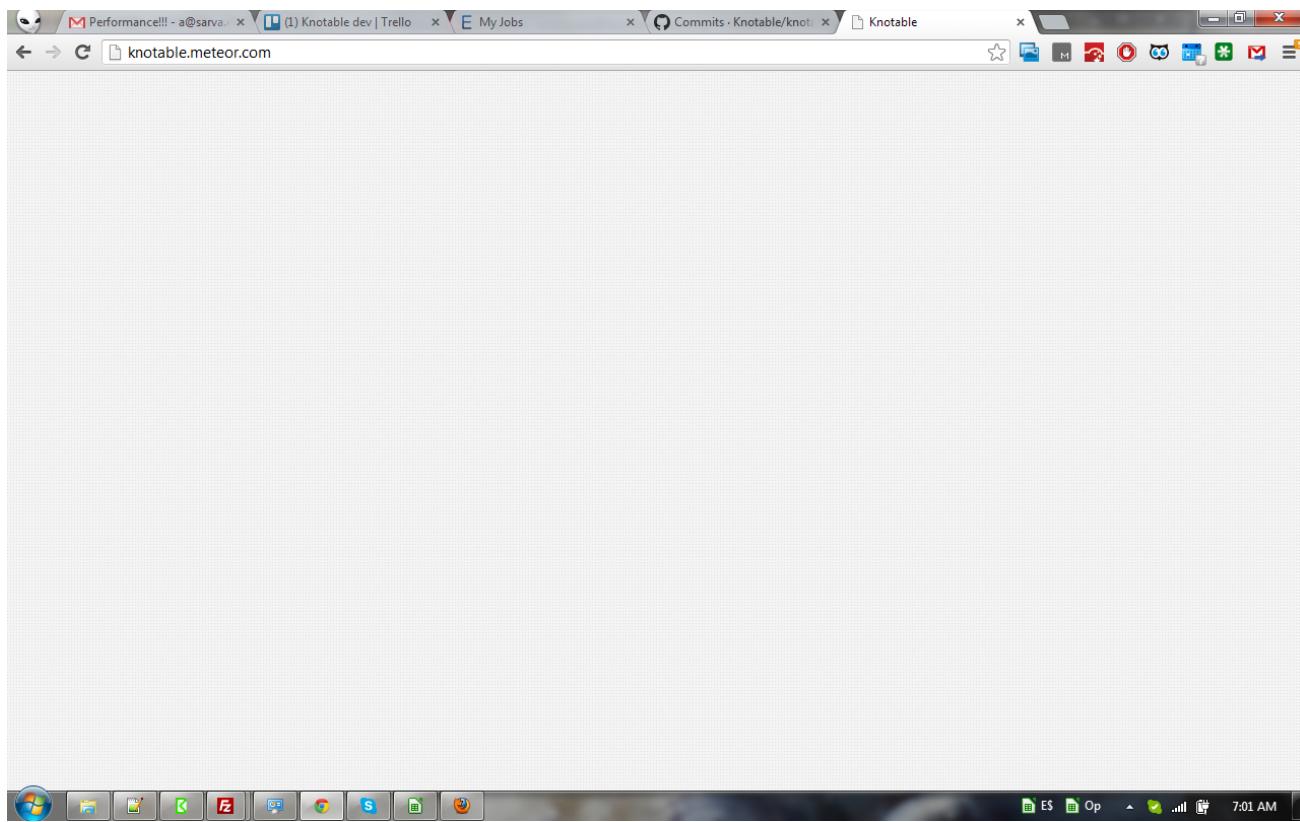
To: Long Liangyou <forallandiyou@gmail.com>

Cc: lingmin.zhou@smart4c.com, pokka lee <ifunafu@gmail.com>, David Rosenthal <david@knotable.com>

I am trying it now on [knotable.meteor.com](#) ... only seeing a blank screen!

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[Quoted text hidden]

Amol Sarva <a@sarva.co>

Tue, Jul 9, 2013 at 7:03 AM

To: Long Liangyou <forallandiyou@gmail.com>

Cc: lingmin.zhou@smart4c.com, pokka lee <ifunafu@gmail.com>, David Rosenthal <david@knotable.com>

Opened a new browser Firefox - I see the login screen

In Chrome though there must be a dead session.... We need to wipe it. Can you check to see the cause? I have had this problem before I think! Except in the past our welcome screen was a login box. I would type the login and wait. But because session was dead nothing happened. Maybe this is why I thought the system was so slow. How can we check if the browser/meteor have an active live session?

[Quoted text hidden]

Amol Sarva <a@sarva.co>

Tue, Jul 9, 2013 at 7:06 AM

To: Long Liangyou <forallandiyou@gmail.com>

Cc: lingmin.zhou@smart4c.com, pokka lee <ifunafu@gmail.com>, David Rosenthal <david@knotable.com>

Hmm. Actually in all browsers I just see the blank screen.

When I first loaded in firefox I saw login box but it disappeared

[Quoted text hidden]

Long Liangyou <forallandiyou@gmail.com>

Tue, Jul 9, 2013 at 7:07 AM

To: Amol Sarva <a@sarva.co>

Cc: lingmin.zhou@smart4c.com, pokka lee <ifunafu@gmail.com>, David Rosenthal <david@knotable.com>

Could you open the browser's console to see logs?

[Quoted text hidden]

Amol Sarva <a@sarva.co>

Tue, Jul 9, 2013 at 7:09 AM

To: Long Liangyou <forallandiyou@gmail.com>

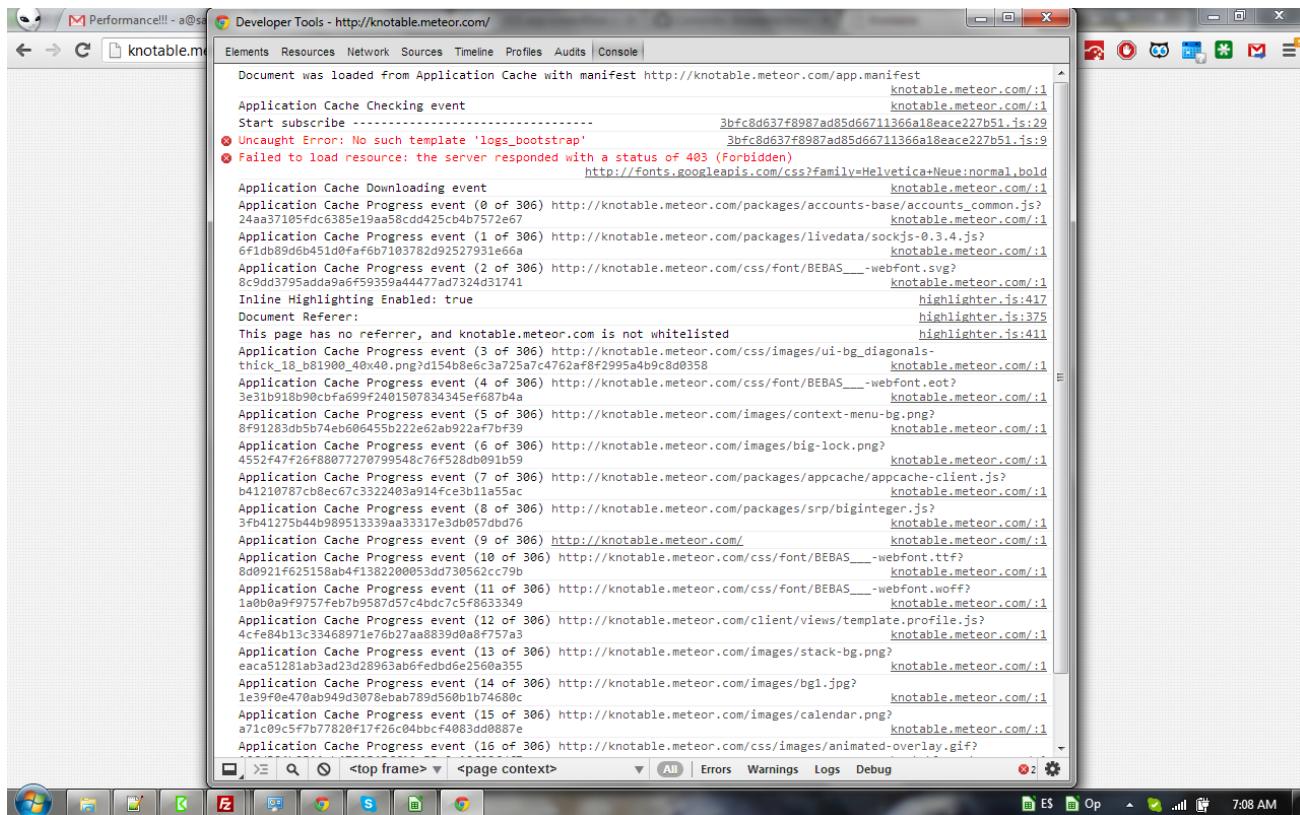
Cc: lingmin.zhou@smart4c.com, pokka lee <ifunafu@gmail.com>, David Rosenthal <david@knotable.com>

No such template bootstrap...

//

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[Quoted text hidden]

Long Liangyou <forallandiyou@gmail.com>

Tue, Jul 9, 2013 at 7:11 AM

To: Amol Sarva <a@sarva.co>

Cc: lingmin.zhou@smart4c.com, pokka lee <ifunafu@gmail.com>, David Rosenthal <david@knotable.com>

That's already fixed. Please clear the browser's cache and try again.

[Quoted text hidden]

lingmin zhou <lingmin.zhou@smart4c.com>

Tue, Jul 9, 2013 at 7:18 AM

To: Amol Sarva <a@sarva.co>

Cc: Long Liangyou <forallandiyou@gmail.com>, pokka lee <ifunafu@gmail.com>, David Rosenthal <david@knotable.com>

Working on these:

1. make sure the tokens for oauth aren't expiring --> It should be valid for at least two hours after refreshing it, except we manually make it expire. When we login, the access token will be refreshed by our code. That is, the slow issue isn't because the token expire.

2. add logging for checking mails -->> Added more log statements to trace loop downloading emails, often get the error saying "Invalid request" while generating tokens for Imap.

3. make sure we check mails frequently when user is actively logged in

-->> The loop transaction for downloading emails indeed runs, but wasn't able to get emails because of the above problem.

On Tue, 9 Jul 2013 06:58:19 -0400

Amol Sarva <a@sarva.co> wrote:

> Long and Lingmin
>
> Can you update what you worked on today in this list?
>
> Pokka is not there. Says he was in hospital.
>
> Amol
>
>
> On Mon, Jul 8, 2013 at 10:45 PM, Amol Sarva <a@sarva.co> wrote:
>
> > Hello all
> >
> > Please focus on these items today
> > - add logging like observatory.js
> > - deploy to knotable.meteor.com and knot.meteor.com
> > - make sure the tokens for oauth are not expiring
> > - make sure we don't get stuck in infinite loop on adding gmail (in sign
> > up...)

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> > - make sure the main index.html screen does NOT show log in boxes. it
> > should show progress. Otherwise we see login too much
> > - add logging for checking mails
> > - make sure we check mails frequently when user is actively logged in
> > - check mailgun --> sending/receiving replies needs to work
> >
> > --
> >
> > // Amol Sarva, Ph.D. // a@sarva.co // (530) SARVA-77 // http://a.sarva.co// @amol
[Quoted text hidden]

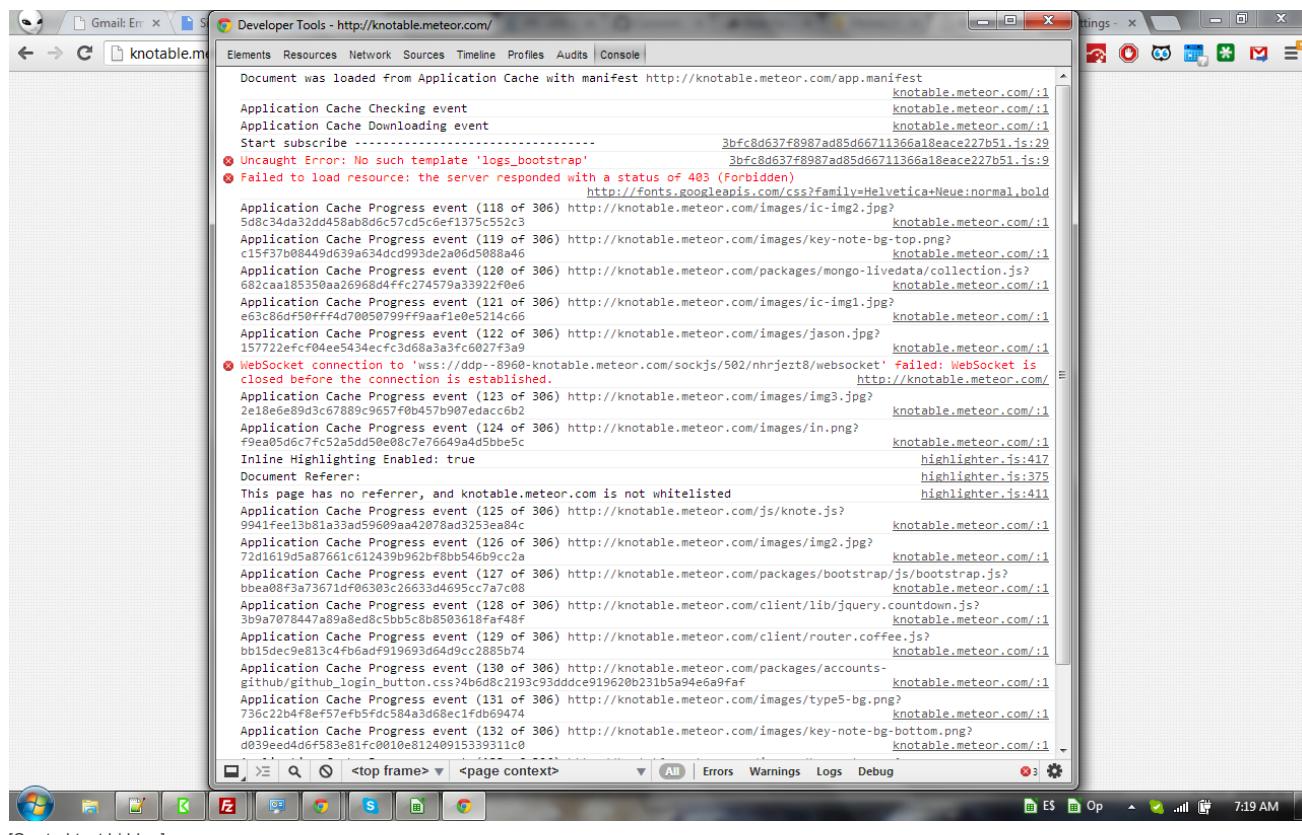
Best Regards,
Zhou

Tel: +86-18252083875
Skype-id: zhoulingsmin001
Addr: 南京市浦口区大桥北路1号华侨广场2206室

Amol Sarva <a@sarva.co>
To: Long Liangyou <forallandiyou@gmail.com>
Cc: lingmin.zhou@smart4c.com, pokka lee <ifunafu@gmail.com>, David Rosenthal <david@knotable.com>

Tue, Jul 9, 2013 at 7:22 AM

Hmm -- still an error in that main browser re: terminated web socket.



[Quoted text hidden]

Amol Sarva <a@sarva.co>
To: Long Liangyou <forallandiyou@gmail.com>
Cc: lingmin.zhou@smart4c.com, pokka lee <ifunafu@gmail.com>, David Rosenthal <david@knotable.com>

Tue, Jul 9, 2013 at 7:27 AM

I tried in a new incognito window in Chrome. It works!

Some error there, though different --> Super slow

I get the login, I log in. Logs show success. But app window does not change --> still looking at login

After some delay... Then I get the inbox. So this means the login is just going slowly. Can we provide a text notification to user? E.g., we update the text of the Login button as the login process goes

Login (initial state)
Submitting (when checking login)
Valid (when sign in success for 2s)
Loading (for next 5s)
Still loading (for next 10s)

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(I will add to trello)

Going to test more now

The screenshot shows a web browser window with two tabs. The active tab displays a login form for 'knotable' with fields for email and password, and buttons for 'Login', 'Forgot password?', and 'Sign Up'. The background of the page features a large 'knotable' logo. To the right of the page, the developer tools' 'Console' tab is open, showing a long list of 'Application Cache Progress event' log entries. These logs detail the download progress of various files from the URL <http://knotable.meteor.com>, including images like 'page_new.jpg', 'seperator_left.jpg', and 'pages-hover.png', as well as JavaScript files like 'accounts.coffee.js' and 'start.coffee.js'. The logs also mention 'login success!' and specific dates/times like 'Tue Jul 09 2013 07:21:04 GMT-0400 (Eastern Daylight Time)'. The developer tools interface includes tabs for Elements, Resources, Network, Sources, Timeline, Profiles, Audits, and Console, along with a bottom toolbar with icons for search, refresh, and file operations.

The screenshot shows a web browser window with two tabs. The active tab displays a list of users under the heading 'People'. The users listed are Amol Sarva, David Leon Rosenthal, Brown, Kristopher, FollowUpThen, Todd Hovanec, Amol sarva extra, David Lerner, Laurence Latimer, and Vanessa Chiang. Each user has a small profile picture and a 'Follow' button. To the right of the user list, the developer tools' 'Console' tab is open, showing a similar list of 'Application Cache Progress event' log entries as the previous screenshot, detailing the download of files from <http://knotable.meteor.com>. The logs include entries for 'collections.mongodb/service/dbManager.coffee.js', 'accounts.coffee.js', 'admin.coffee.js', 'context_menu.coffee.js', 'knotes.coffee.js', 'start.coffee.js', 'thread.coffee.js', 'collections.coffee.js', 'code-prettify/styles/sunburst.css', 'observatory/lib/codemirror/theme/solarized.css', and 'bootstrap/img/glyphicons-halfings.png'. The developer tools interface is identical to the first screenshot, with tabs for Elements, Resources, Network, Sources, Timeline, Profiles, Audits, and Console, and a bottom toolbar with file operation icons.

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Tue, Jul 9, 2013 at 7:29 AM

Amol Sarva <a@sarva.co>

To: lingmin zhou <lingmin.zhou@smart4c.com>

Cc: Long Liangyou <forallandiyou@gmail.com>, pokka lee <ifunafu@gmail.com>, David Rosenthal <david@knotable.com>

Good Lingmin!

Long --> please ask Lingmin to add more logging and find which calls are failing for us.

[Quoted text hidden]

Long Liangyou <forallandiyou@gmail.com>

Tue, Jul 9, 2013 at 7:33 AM

To: Amol Sarva <a@sarva.co>

Cc: lingmin zhou <lingmin.zhou@smart4c.com>, pokka lee <ifunafu@gmail.com>, David Rosenthal <david@knotable.com>

OK.

[Quoted text hidden]

Long Liangyou <forallandiyou@gmail.com>

Tue, Jul 9, 2013 at 7:35 AM

To: Amol Sarva <a@sarva.co>

Cc: lingmin zhou <lingmin.zhou@smart4c.com>, pokka lee <ifunafu@gmail.com>, David Rosenthal <david@knotable.com>

Lingmin -> add log use observatory. There are example of usage in Github. <https://github.com/jhoxray/observatory>

[Quoted text hidden]

lingmin zhou <lingmin.zhou@smart4c.com>

Tue, Jul 9, 2013 at 7:38 AM

To: Long Liangyou <forallandiyou@gmail.com>

Cc: Amol Sarva <a@sarva.co>, pokka lee <ifunafu@gmail.com>, David Rosenthal <david@knotable.com>

Long helped me a lot, thanks very much.

[Quoted text hidden]

> > // Amol Sarva, Ph.D. // a@sarva.co // (530) SARVA-77 // <http://a.sarva.co/> @amol

[Quoted text hidden]

pokka <ifunafu@gmail.com>

Tue, Jul 9, 2013 at 2:47 PM

To: lingmin zhou <lingmin.zhou@smart4c.com>

Cc: David Rosenthal <david@knotable.com>, Amol Sarva <a@sarva.co>, 龙良友 <forallandiyou@gmail.com>

Feel sorry to miss the discuss.I am gone hospital today and I will track you guys' discussions to update what I missed.

Good night all.

[Quoted text hidden]

Long Liangyou <forallandiyou@gmail.com>

Wed, Jul 10, 2013 at 5:04 AM

To: pokka <ifunafu@gmail.com>

Cc: lingmin zhou <lingmin.zhou@smart4c.com>, David Rosenthal <david@knotable.com>, Amol Sarva <a@sarva.co>

Hello All

Today I checked the code and find out why our app is so slow.

When user logged in, client side will receive user's data and stored to local database.

The main reason slow down is the transferring of data.

When client start subscribe the data from server database, it is 16:55:16

But when client received all the data, it is 16:56:34

It takes 18 seconds to received data from server.

I will limit the size of data to see if it can improve.

```

Start subscribe ----- Wed Jul 10 2013 16:55:16 GMT+0800 (CST)
► Resource interpreted as Image but transferred with MIME type text/html: "http://knotable.mete
Resource interpreted as Font but transferred with MIME type font/woff: "http://themes.googleuse

Resource interpreted as Font but transferred with MIME type font/woff: "http://themes.googleuse

✖ ► WebSocket connection to 'wss://ddp--7566-knotable.meteor.com/sockjs/220/e8076p7n/websocket' f
✖ ► WebSocket connection to 'wss://ddp--0932-knotable.meteor.com/sockjs/221/6a2baf7/\_websocket' f

link: root
Syn Gmail! :) Wed Jul 10 2013 16:56:16 GMT+0800 (CST)
► Resource interpreted as Image but transferred with MIME type text/html: "http://knotable.mete
Messages from Gmail: 50 TIMESTAMP: Wed Jul 10 2013 16:56:34 GMT+0800 (CST)
Topics from Gmail: 2 TIMESTAMP: Wed Jul 10 2013 16:56:34 GMT+0800 (CST)
Messages from Mailgun: 37 TIMESTAMP: Wed Jul 10 2013 16:56:34 GMT+0800 (CST)
Topics from Mailgun: 0 TIMESTAMP: Wed Jul 10 2013 16:56:34 GMT+0800 (CST)
Parsed Email Positions: 17 TIMESTAMP: Wed Jul 10 2013 16:56:34 GMT+0800 (CST)
Knotes: 0 TIMESTAMP: Wed Jul 10 2013 16:56:34 GMT+0800 (CST)
Key Notes: 0 TIMESTAMP: Wed Jul 10 2013 16:56:34 GMT+0800 (CST)
Contacters 0 TIMESTAMP: Wed Jul 10 2013 16:56:34 GMT+0800 (CST)

```

Another problem is that we have **152 request** now, it will also slow down the performance. That should be optimized too.

The screenshot shows a browser's developer tools Network tab with a list of 152 requests. Most of these requests are for images from Gravatar, with status codes 404 (Not Found). The requests are listed in a table with columns: Name, Path, Method, Status, Type, Initiator, Size, Time, Timeline, and a series of duration columns (41.96s, 1.0 min, 1.4 min, etc.). A red arrow points from the text "152 request!!" to the list of requests.

Name	Path	Method	Status	Type	Initiator	Size	Time	Timeline	41.96s	1.0 min	1.4 min	1.7 min	2.1 min	2.4 min	2.8 min	
	www.gravatar.com/avatar/50cb1c2f8287ff10c847bcc19ba1...	GET	404	Not Found	text/html	58dd2f2a1435abb...	317 B	642 ms								
	www.gravatar.com/avatar/5d7a69cd54a6221b15c18e206d2...	GET	404	Not Found	text/html	58dd2f2a1435abb...	317 B	631 ms								
	www.gravatar.com/avatar/d68465a8d0d5c438ea3ab70fd1a...	GET	404	Not Found	text/html	58dd2f2a1435abb...	317 B	631 ms								
	www.gravatar.com/avatar/a30c1831dace52513f4016fb5df9c...	GET	404	Not Found	text/html	58dd2f2a1435abb...	317 B	622 ms								
	www.gravatar.com/avatar/f048a299adbd08d54bb1e8fe6a53...	GET	404	Not Found	text/html	58dd2f2a1435abb...	317 B	867 ms								
	www.gravatar.com/avatar/152_requests_1_602_KB_transferred_1_2.8_min_(onload: 1.6_min, DOMContentLoaded: 1.5_min)	GET	404	Not Found	text/html	58dd2f2a1435abb...	317 B	246 ms								

Best
Long
[Quoted text hidden]

lingmin zhou <lingmin.zhou@smart4c.com>

Wed, Jul 10, 2013 at 7:40 AM

To: Long Liangyou <forallandiyou@gmail.com>

Cc: pokka <ifunafu@gmail.com>, David Rosenthal <david@knotable.com>, Amol Sarva <a@sarva.co>, yan.make@gmail.com

Long, you're a genius.

I thought of a method to simulate the knotable server in local machine, and we can get more details about server logs at local machine. In order to implement the simulation, we need to set a port forward in the local router to let outer requests be forwarded to the local machine on which knotable is running.

On Wed, 10 Jul 2013 17:04:33 +0800

Long Liangyou <forallandiyou@gmail.com> wrote:

```

> Hello All
>
> Today I checked the code and find out why our app is so slow.
>
> When user logged in, client side will receive user's data and stored to

```

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> local database.
>
> The main reason slow down is the transferring of data.
> When client start subscribe the data from server database, it is 16:55:16
> But when client received all the data, it is 16:56:34
>
> *It takes 18 seconds to received data from server.*
>
> I will limit the size of data to see if it can improve.
>
> [image: Inline image 2]
>
> Another problem is that we have *152 request* now, it will also slow down
[Quoted text hidden]

Amol Sarva <a@sarva.co>

Wed, Jul 10, 2013 at 7:49 AM

To: lingmin zhou <lingmin.zhou@smart4c.com>

Cc: Long Liangyou <forallandiyou@gmail.com>, pokka <ifunafu@gmail.com>, David Rosenthal <david@knotable.com>, "yan.make" <yan.make@gmail.com>

Very nice guys. Now we have to fix it!

Another question: if you are right, when I run on localhost it should be faster. Right? I will try today. But when I tried on Sunday, localhost was pretty slow...

AND: what about "lost socket". How can we prevent this? I am OK to wait a long time if it actually works at the end. When the socket is lost, it will never work. I must restart browser/clear cache...

[Quoted text hidden]

pokka <ifunafu@gmail.com>

Wed, Jul 10, 2013 at 9:36 AM

To: Amol Sarva <a@sarva.co>

Cc: lingmin zhou <lingmin.zhou@smart4c.com>, Long Liangyou <forallandiyou@gmail.com>, David Rosenthal <david@knotable.com>, "yan.make" <yan.make@gmail.com>

I think there were some rendering bug was found in my test today,it make you feel slow(things not rendered).

The lost socket problem mostly is server side problem,I see it was fixed.

In my opinion,the performance problem would be a long way in future,do different works in different timing.

I want to find a way to optimize the processes.

Meteor was not good at this because of its always re-render mechanism,but we can still do some work to prevent it became too often.

[Quoted text hidden]

Amol Sarva <a@sarva.co>

Wed, Jul 10, 2013 at 9:41 AM

To: pokka <ifunafu@gmail.com>

Cc: lingmin zhou <lingmin.zhou@smart4c.com>, Long Liangyou <forallandiyou@gmail.com>, David Rosenthal <david@knotable.com>, "yan.make" <yan.make@gmail.com>

Performance problem right now is due to bugs. We don't have a heavy load.

But still, when I log in the app is slow. I will do some tests today.

Question: how do we sort the topics list when nothing is filtered/no people checked? It is a strange order... should be by date I guess. Most recent on top.

The screenshot shows a web-based email interface with a sidebar on the left containing a list of messages from various users. The main area displays several messages as cards. One message from Amol Sarva is highlighted with a blue background and labeled 'NEW'. Another message from David Leon Rosenthal is labeled 'HOT'. The interface includes a search bar at the top and a toolbar with various icons below the messages.

[Quoted text hidden]

David Leon Rosenthal <rosenthal.dleon@gmail.com>

Wed, Jul 10, 2013 at 9:51 AM

To: Amol Sarva <a@sarva.co>, "yan.make" <yan.make@gmail.com>, pokka <ifunafu@gmail.com>, Long Liangyou <forallandiyou@gmail.com>, lingmin

zhou <lingmin.zhou@smart4c.com>

Cc: mymail.anupam@gmail.com

Hi Everyone,
Meet Pankaj Anupam. He is another developer who will be working on backend.
-David

[Quoted text hidden]

Long Liangyou <forallandiyou@gmail.com>

Wed, Jul 10, 2013 at 9:46 PM

To: Amol Sarva <a@sarva.co>

Cc: pokka <ifunafu@gmail.com>, lingmin zhou <lingmin.zhou@smart4c.com>, David Rosenthal <david@knotable.com>, "yan.make"

<yan.make@gmail.com>

We sort topics by message uid which is the same order as date.
The code of topic list seems to be refactor, but sorting function seems not work. We need to fix it.
[Quoted text hidden]

Amol Sarva <a@sarva.co>

Wed, Jul 10, 2013 at 11:07 PM

To: Long Liangyou <forallandiyou@gmail.com>

Cc: pokka <ifunafu@gmail.com>, lingmin zhou <lingmin.zhou@smart4c.com>, David Rosenthal <david@knotable.com>, "yan.make"

<yan.make@gmail.com>

OK - please choose who will work on it. Performance stuff is more critical right now. Mailgun (because it avoids needing Gmail), and then real performance stuff...

[Quoted text hidden]

lingmin.zhou <lingmin.zhou@smart4c.com>

Wed, Jul 10, 2013 at 11:08 PM

Reply-To: "lingmin.zhou" <lingmin.zhou@smart4c.com>

To: Long Liangyou <forallandiyou@gmail.com>, Amol Sarva <a@sarva.co>

Cc: pokka <ifunafu@gmail.com>, David Rosenthal <david@knotable.com>, "yan.make" <yan.make@gmail.com>

I'm working on it now...

周灵敏 (lingmin.zhou)

南京思马特软件科技有限公司

Tel: +86 182 5208 3875

Email: lingmin.zhou@smart4c.com

Skype: zhoulngmin001
Addr: 南京市浦口区大桥北路1号华侨广场2206室
Zip Code: 210000

发件人 : Long Liangyou
发送时间 : 2013-07-11 09:46
收件人 : Amol Sarva
抄送 : pokka; lingmin.zhou; David Rosenthal; yan.make
主题 : Re: Performance!!!

[Quoted text hidden]

pokka <ifunafu@gmail.com>
To: "lingmin.zhou" <lingmin.zhou@smart4c.com>
Cc: Long Liangyou <forallandiyou@gmail.com>, Amol Sarva <a@sarva.co>, David Rosenthal <david@knotable.com>, "yan.make" <yan.make@gmail.com>

Wed, Jul 10, 2013 at 11:11 PM

Me too :)

2013/7/11 lingmin.zhou <lingmin.zhou@smart4c.com>

[Quoted text hidden]

Long Liangyou <forallandiyou@gmail.com>
To: "lingmin.zhou" <lingmin.zhou@smart4c.com>
Cc: Amol Sarva <a@sarva.co>, pokka <ifunafu@gmail.com>, David Rosenthal <david@knotable.com>, "yan.make" <yan.make@gmail.com>

Wed, Jul 10, 2013 at 11:17 PM

I am familiar with mailgun, so I will do the mailgun stuff.
Lingmin and Pokka, please debug the performance.

Thanks.

Long

[Quoted text hidden]

lingmin.zhou <lingmin.zhou@smart4c.com>
To: Long Liangyou <forallandiyou@gmail.com>
Cc: Amol Sarva <a@sarva.co>, pokka <ifunafu@gmail.com>, David Rosenthal <david@knotable.com>, "yan.make" <yan.make@gmail.com>

Wed, Jul 10, 2013 at 11:25 PM

ok, got it.

On Thu, 11 Jul 2013 11:17:09 +0800
Long Liangyou <forallandiyou@gmail.com> wrote:

> I am familiar with mailgun, so I will do the mailgun stuff.
> Lingmin and Pokka, please debug the performance.
>
> Thanks.
> Long
>
>
> On Thu, Jul 11, 2013 at 11:08 AM, lingmin.zhou <lingmin.zhou@smart4c.com> wrote:
>
> > **
> > I'm working on it now...
> >
> > -----
> > 周灵敏 (lingmin.zhou)
> > 南京思马特软件科技有限公司
> > Tel: +86 182 5208 3875
> > Email: lingmin.zhou@smart4c.com
> > Skype: zhoulngmin001
> > Addr: 南京市浦口区大桥北路1号华侨广场2206室
> > Zip Code: 210000
> >
> > *发件人 : * Long Liangyou <forallandiyou@gmail.com>
> > *发送时间 : * 2013-07-11 09:46
> > *收件人 : * Amol Sarva <a@sarva.co>
> > *抄送 : * pokka <ifunafu@gmail.com>; lingmin.zhou <lingmin.zhou@smart4c.com>; David
> > Rosenthal <david@knotable.com>; yan.make <yan.make@gmail.com>
> > *主题 : * Re: Performance!!!

[Quoted text hidden]

9/27/13

Gmail - Performance!!!

> >> // Amol Sarva, Ph.D. // a@sarva.co // (530) SARVA-77 // <http://a.sarva.co/> @amol
[Quoted text hidden]

Long Liangyou <forallandiyou@gmail.com>

Thu, Jul 11, 2013 at 6:29 AM

To: lingmin zhou <lingmin.zhou@smart4c.com>

Cc: Amol Sarva <a@sarva.co>, pokka <ifunafu@gmail.com>, David Rosenthal <david@knotable.com>, "yan.make" <yan.make@gmail.com>

Hi

Send and Recive messages with mailgun has been done.
The topics from mailgun will show in the top topic list.

Deployed to knot.meteor.com and knotable.meteor.com

Send mail to your email address which it was used to sign up.

for example:

if your email address is forallandiyou@gmail.com,
send mail to forallandiyou..gmail.com@gmail.com

notice the two dots.

Best

Long

[Quoted text hidden]

lingmin zhou <lingmin.zhou@smart4c.com>

Thu, Jul 11, 2013 at 6:40 AM

To: Long Liangyou <forallandiyou@gmail.com>

Cc: Amol Sarva <a@sarva.co>, pokka <ifunafu@gmail.com>, David Rosenthal <david@knotable.com>, "yan.make" <yan.make@gmail.com>

Sorting function is working now. The topics are ordered by uid descending which is same to order by date descending, that is the more recent topic having important label will be closer to the top of Topic list.

In addtion, fixed some bugs about displaying the messages with same topic or thrid in one topic.

On Thu, 11 Jul 2013 09:46:16 +0800

[Quoted text hidden]

> > // Amol Sarva, Ph.D. // a@sarva.co // (530) SARVA-77 // <http://a.sarva.co/> @amol

[Quoted text hidden]

Amol Sarva <a@sarva.co>

Thu, Jul 11, 2013 at 8:58 AM

To: lingmin zhou <lingmin.zhou@smart4c.com>

Cc: Long Liangyou <forallandiyou@gmail.com>, pokka <ifunafu@gmail.com>, David Rosenthal <david@knotable.com>, "yan.make" <yan.make@gmail.com>

i am testing.

CASE 1 --> amolsarva@gmail.com account with gmail attached

- a) If I send from Knotable --> it works. It is going to the mail accounts.
- b) if they reply it is not showing up in knotable
- c) if they send a new message to knotable it doesn't show up (which is OK, it's just one message)
- d) if I star the message in amolsarva@gmail.com then it doesn't show up

All of this is after 5 minutes. I see in the logs that gmail sync is happening.

So b, c, d are not good

[Quoted text hidden]

Amol Sarva <a@sarva.co>

Thu, Jul 11, 2013 at 8:59 AM

To: Long Liangyou <forallandiyou@gmail.com>

Cc: lingmin zhou <lingmin.zhou@smart4c.com>, pokka <ifunafu@gmail.com>, David Rosenthal <david@knotable.com>, "yan.make" <yan.make@gmail.com>

Typo forallandiyou..gmail.com@gmail.com --> should be forallandiyou..gmail.com@iyou.mailgun.org right?

[Quoted text hidden]

Amol Sarva <a@sarva.co>

Thu, Jul 11, 2013 at 9:07 AM

To: Long Liangyou <forallandiyou@gmail.com>

Cc: lingmin zhou <lingmin.zhou@smart4c.com>, pokka <ifunafu@gmail.com>, David Rosenthal <david@knotable.com>, "yan.make" <yan.make@gmail.com>

All the accounts I have set up for test show zero messages except my "real" one -- a@sarva.co

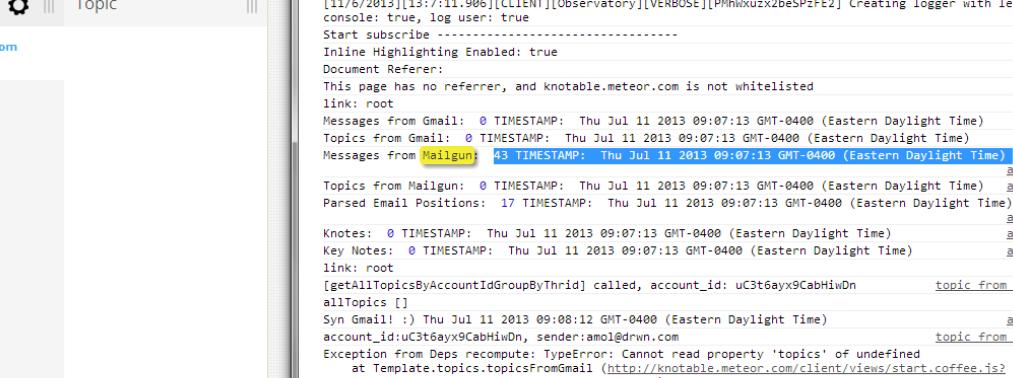
The test accounts have SOME messages but they show zero...

Username	Email	Number of messages	x-to-delete
	jacekyoption@gmail.com	0	 Delete
Lingmin Zhou	jacekyoption@gmail.com	0	--> jacekyoption@gmail.com
	jacekyoption@gmail.com	0	 Delete
	myjob.anupam@gmail.com	0	 Delete
	amol@knotable.com	0	 Delete
	amolsarva@gmail.com	0	 Delete
Amol Sarva	amolsarva@gmail.com	0	--> amolsarva@gmail.com
	amol@drwn.com	0	 Delete
nga ngo	zorro.lp.x@gmail.com	0	--> zorro.lp.x@gmail.com
	zorro.lp.x@gmail.com	0	 Delete
pankaj anupam	myjob.anupam@gmail.com	0	--> info@pankajanupam.in
	info@pankajanupam.in	0	 Delete
	bobiakov.igor@gmail.com	0	 Delete
	testmailgun@gmail.com	0	 Delete
Si a lee	ifunafuapi@gmail.com	13	--> ifunafuapi@gmail.com

[Quoted text hidden]

Amol Sarva <a@sarva.co> Thu, Jul 10, 2014 10:43 AM
To: Long Liangyou <forallandiyou@gmail.com>
Cc: lingmin zhou <lingmin.zhou@smart4c.com>, pokka <ifunafu@gmail.com>, David Rosenthal <david@knotable.com>, "yan.make" <yan.make@gmail.com>

OK now testing an account with ONLY mailgun. I see in the logs that it finds 43 messages in mailgun but then shows none in knotable window any ideas?



The screenshot shows a browser window with two tabs: "Performance!!! - a@sarva.x" and "knotable.meteor.com/#". The main content area displays a Meteor application with a header "People" and "Topic". Below the header, there's a user profile for "amol@drwn.com" and a message box with a plus sign. The right side of the screen is filled with the "Developer Tools" console output for the URL "http://knotable.meteor.com/". The console log is very long and contains numerous entries from the Meteor framework, including logs for creating loggers, handling events like "topic", "start", and "error", and various template rendering and event handling steps. The logs are color-coded with blue for file names and green for line numbers, typical of the Node.js/JavaScript developer tools interface.

```
[11/6/2013:13:7:11.905][CLIINT][Observatory][VERBOSE][PMhxuxz2beSpFE2] Creating logger with level DEBUG, print to console: true, log user: true
Start subscribe -----
Inline Highlighting Enabled: true
Document Referer:
This page has no referrer, and knotable.meteor.com is not whitelisted
link: root
Messages from Gmail: 0 TIMESTAMP: Thu Jul 11 2013 09:07:13 GMT-0400 (Eastern Daylight Time)
Topics from Gmail: 0 TIMESTAMP: Thu Jul 11 2013 09:07:13 GMT-0400 (Eastern Daylight Time)
Messages from Mailgun: 43 TIMESTAMP: Thu Jul 11 2013 09:07:13 GMT-0400 (Eastern Daylight Time)
Topics from Mailgun: 0 TIMESTAMP: Thu Jul 11 2013 09:07:13 GMT-0400 (Eastern Daylight Time)
Parsed Email Positions: 17 TIMESTAMP: Thu Jul 11 2013 09:07:13 GMT-0400 (Eastern Daylight Time)
Notes: 0 TIMESTAMP: Thu Jul 11 2013 09:07:13 GMT-0400 (Eastern Daylight Time)
Key Notes: 0 TIMESTAMP: Thu Jul 11 2013 09:07:13 GMT-0400 (Eastern Daylight Time)
link: root
[getAllTopicsByAccountIdGroupedByThird] called, account_id: uc3t6ayx9CabHinDn
allTopics []
Syn Gmail! :) Thu Jul 11 2013 09:08:12 GMT-0400 (Eastern Daylight Time)
account_id:uc3t6ayx9CabHinDn, sender:amol@drwn.com
Exception from Deps recompute: TypeError: Cannot read property 'topics' of undefined
at Template.topicsFromGmail (http://knotable.meteor.com/client/views/start.coffee.js?b2cc2a6034c88a50a9ec24562f1905648d0dc:360:26)
at apply (http://knotable.meteor.com/packages/handlebars/evaluate.js?742a34cf3479d95600582786665b53c0eba4f7d9:232:24)
at invoke (http://knotable.meteor.com/packages/handlebars/evaluate.js?742a34cf3479d95600582786665b53c0eba4f7d9:249:18)
at http://knotable.meteor.com/packages/handlebars/evaluate.js?742a34cf3479d95600582786665b53c0eba4f7d9:341:27
at Object.Spark.labelBranch (http://knotable.meteor.com/packages/spark/spark.js?4af332696fb84f1c71f7e678a00257755b2b828:1114:14)
at branch (http://knotable.meteor.com/packages/handlebars/evaluate.js?742a34cf3479d95600582786665b53c0eba4f7d9:311:20)
at http://knotable.meteor.com/packages/handlebars/evaluate.js?742a34cf3479d95600582786665b53c0eba4f7d9:340:20
at Array.forEach (native)
at Function._.each_.forEach (http://knotable.meteor.com/packages/underscore/underscore.js?ed2d2990c0e746b3e4f9282d5de65e7b1a2b4d:78:11)
at template (http://knotable.meteor.com/packages/handlebars/evaluate.js?742a34cf3479d95600582786665b53c0eba4f7d9:314:17)
Syn Gmail! :) Thu Jul 11 2013 09:09:12 GMT-0400 (Eastern Daylight Time)
```

9/27/13

Gmail - Performance!!!

[Quoted text hidden]

Long Liangyou <forallandiyou@gmail.com>

Thu, Jul 11, 2013 at 10:07 PM

To: Amol Sarva <a@sarva.co>

Cc: lingmin zhou <lingmin.zhou@smart4c.com>, pokka <ifunafu@gmail.com>, David Rosenthal <david@knotable.com>, "yan.make"

<yan.make@gmail.com>

amolsarva@gmail.com -> should be amolsarva..gmail.com@iyou.mailgun.org

forallandiyou@gmail.com --> forallandiyou..gmail.com@iyou.mailgun.org

TWO STEPS:

1. replace @ with two dots(..) --> forallandiyou..gmail.com
2. add suffix @iyou.mailgun.org --> forallandiyou..gmail.com@iyou.mailgun.org

[Quoted text hidden]

Long Liangyou <forallandiyou@gmail.com>

Fri, Jul 12, 2013 at 5:19 AM

To: Amol Sarva <a@sarva.co>

Cc: lingmin zhou <lingmin.zhou@smart4c.com>, pokka <ifunafu@gmail.com>, David Rosenthal <david@knotable.com>, "yan.make"

<yan.make@gmail.com>

Hello All

There are new changes about performance. Please test it at knotable.meteor.com or knot.meteor.com

If you feel faster than before, then we are getting to the point.

Why our app is too slow? The reason is the rendering of contacts and topics template.

We have lots of contacts and topics. Each of them will be rendered at startup.

So it slow down the performance seriously.

The screenshot shows a browser's developer tools Network tab with a list of contacts and topics. A red box highlights the 'topicFromGmail' render count column, which shows values ranging from 235 to 245. To the right, there are two blue boxes: one labeled 'Friday meeting idea' with a timestamp of 'Feb 20, 3:45 pm' and another labeled 'Title of the ticket' with a timestamp of 'Feb 20, 3:45 pm'. Below the table, the console log shows multiple entries for 'application.coffee' with similar timestamps and IDs.

Elements	Resources	Network	Sources	Timeline	Profiles	Audits	Console	PageSpeed
topicFromGmail render count: 234								
topicFromGmail render count: 235							application.coffee, jsf6f03208619f95ed6478820b0afe647c9114af99:47	
topicFromGmail render count: 236							application.coffee, jsf6f03208619f95ed6478820b0afe647c9114af99:47	
topicFromGmail render count: 237							application.coffee, jsf6f03208619f95ed6478820b0afe647c9114af99:47	
topicFromGmail render count: 238							application.coffee, jsf6f03208619f95ed6478820b0afe647c9114af99:47	
topicFromGmail render count: 239							application.coffee, jsf6f03208619f95ed6478820b0afe647c9114af99:47	
topicFromGmail render count: 240							application.coffee, jsf6f03208619f95ed6478820b0afe647c9114af99:47	
topicFromGmail render count: 241							application.coffee, jsf6f03208619f95ed6478820b0afe647c9114af99:47	
topicFromGmail render count: 242							application.coffee, jsf6f03208619f95ed6478820b0afe647c9114af99:47	
topicFromGmail render count: 243							application.coffee, jsf6f03208619f95ed6478820b0afe647c9114af99:47	
topicFromGmail render count: 244							application.coffee, jsf6f03208619f95ed6478820b0afe647c9114af99:47	
topicFromGmail render count: 245							application.coffee, jsf6f03208619f95ed6478820b0afe647c9114af99:47	
topics render count: 3							application.coffee, jsf6f03208619f95ed6478820b0afe647c9114af99:47	
topics_box render count: 3							application.coffee, jsf6f03208619f95ed6478820b0afe647c9114af99:47	
new_topics render count: 2							application.coffee, jsf6f03208619f95ed6478820b0afe647c9114af99:47	
people_context_menu render count: 2							application.coffee, jsf6f03208619f95ed6478820b0afe647c9114af99:47	

And now I changed to only render 20 of contacts and 20 of topics. That make it faster.

That's the reason.

So we should not rendered all of contacts and topics after user logged in.

Lingmin and Pokka suggests that we can render parts of contacts and topics, and with paging or lazy loading to show rest of contacts and topics. Another way is to get only the data we need from server.

Best

Long

[Quoted text hidden]

pokka <ifunafu@gmail.com>

Fri, Jul 12, 2013 at 5:25 AM

To: 龙良友 <forallandiyou@gmail.com>

Cc: David Rosenthal <david@knotable.com>, Amol Sarva <a@sarva.co>, "yan.make" <yan.make@gmail.com>, lingmin zhou <lingmin.zhou@smart4c.com>

Great.
I had found it's faster more.

[Quoted text hidden]

lingmin zhou <lingmin.zhou@smart4c.com>
To: pokka <ifunafu@gmail.com>
Cc: 龙良友 <forallandyou@gmail.com>, David Rosenthal <david@knotable.com>, Amol Sarva <a@sarva.co>, "yan.make" <yan.make@gmail.com>

Fri, Jul 12, 2013 at 5:34 AM

It seems the knotable.meteor.com was injected a doping, becomes faster...
Long should find the root case or at least one of the root cases.

On Fri, 12 Jul 2013 17:25:03 +0800
pokka <ifunafu@gmail.com> wrote:

> I had found it's faster more.

[Quoted text hidden]

Amol Sarva <a@sarva.co>
To: lingmin zhou <lingmin.zhou@smart4c.com>
Cc: pokka <ifunafu@gmail.com>, 龙良友 <forallandyou@gmail.com>, David Rosenthal <david@knotable.com>, "yan.make" <yan.make@gmail.com>

Fri, Jul 12, 2013 at 8:05 AM

Ha ha! Doping! Very nice.

I will test

Lets put lazy loading and paging (scroll to fetch, not button to fetch) on the list for next week.

Amol Sarva, Ph.D. // @amol // [530-727-8277](tel:530-727-8277) // a.sarva.co
[Quoted text hidden]

pokka <ifunafu@gmail.com>
To: Amol Sarva <a@sarva.co>
Cc: lingmin zhou <lingmin.zhou@smart4c.com>, 龙良友 <forallandyou@gmail.com>, David Rosenthal <david@knotable.com>, "yan.make" <yan.make@gmail.com>

Fri, Jul 12, 2013 at 3:39 PM

Really good.

Let's allocate these work.

I will also look at the memory issue in future,it was better after this changed.

[Quoted text hidden]

Amol Sarva <a@sarva.co>
To: lingmin zhou <lingmin.zhou@smart4c.com>
Cc: pokka <ifunafu@gmail.com>, 龙良友 <forallandyou@gmail.com>, David Rosenthal <david@knotable.com>, "yan.make" <yan.make@gmail.com>

Fri, Jul 12, 2013 at 11:03 PM

Did lots of testing today.

Yes it is faster!!!

Still....many problems.

Goal achieved: make the app faster

Goal number 1: use knotable without gmail
- send from mailgun if no gmail account -- done!
- when send from mailgun show topic in knotable
- when send from mailgun show the right from address (@you.mailgun.org)
- if reply to this show reply on same thread
- have replies show up fast. Less than 1 minute when I am logged in. Maybe even every 5 seconds when I am logged in
- send emails if I press buttons like vote or lock or keynote or compose on thread

Goal number 2: make it work with gmail

- need to open the mail bodies from gmail faster
- need to make sure subjects stay together when people reply
- need to make sure topics update quickly
- make sure sessions don't die. Session loss is a problem

DAVID - can you update the dev trello to show these priorities?

Amol Sarva, Ph.D. // @amol // 530-727-8277 // a.sarva.co

[Quoted text hidden]

David Rosenthal <rosenthal.dleon@gmail.com>
To: Amol Sarva <a@sarva.co>

Fri, Jul 12, 2013 at 11:26 PM

Will do
[Quoted text hidden]

David Leon Rosenthal <rosenthal.dleon@gmail.com>
Draft To: Amol Sarva <a@sarva.co>

Fri, Jul 12, 2013 at 11:46 PM

[Quoted text hidden]

David Leon Rosenthal <rosenthal.dleon@gmail.com>
To: Amol Sarva <a@sarva.co>
Cc: lingmin zhou <lingmin.zhou@smart4c.com>, pokka <ifunafu@gmail.com>, 龙良友 <forallandiyou@gmail.com>, "yan.make" <yan.make@gmail.com>

Fri, Jul 12, 2013 at 11:59 PM

Please see the new Trello dev list "most important do this first."
-David
[Quoted text hidden]

pokka <ifunafu@gmail.com>
To: David Leon Rosenthal <rosenthal.dleon@gmail.com>
Cc: 龙良友 <forallandiyou@gmail.com>, Amol Sarva <a@sarva.co>, "yan.make" <yan.make@gmail.com>, lingmin zhou <lingmin.zhou@smart4c.com>

Sat, Jul 13, 2013 at 1:30 AM

got it

[Quoted text hidden]

Long Liangyou <forallandiyou@gmail.com>
To: David Leon Rosenthal <rosenthal.dleon@gmail.com>
Cc: Amol Sarva <a@sarva.co>, lingmin zhou <lingmin.zhou@smart4c.com>, pokka <ifunafu@gmail.com>, "yan.make" <yan.make@gmail.com>

Sun, Jul 14, 2013 at 10:12 PM

Hi all,

We are adding paging and lazy loading today and fixing all the stuff related to sending/receiving/combinging subject lines.

Best
Long
[Quoted text hidden]