Wednesday June 6, 2018
Webmachine 0.7.71
Comments and Review Notes

I completed a technical walkthrough of code components. EXCELLENT use comments, structure, componentization and naming conventions – very easy to flow through the code

On next refactoring will include time to eliminate dead code – and update all test suites

Also the docs directory is a nice piece of work, documenting the journey and some of the decision points

1. The following notes capture my observations while conducting a **functional test** on v0.7.61
2. Note – with every PR for code, the semver should be updated on package.json to help with versioning and reference
3. I am using an MLAB database called "machines" and pointed the platform.json uri to that db instance as well as a db called 'testclient'. Both databases sit on the Strategic Machines MLAB account
4. Excellent work on navbar, navigation and page rendering. Back buttons added to several pages
5. Evgheni's agent gallery needs to be updated with the back button
6. Justin took on the work order to complete refactoring of the other pages (blog, product, solution, about etc --) just to mick them up so they are professionally rendered. He is also going to a button to the home page to register for a new SM slack account.
7. BTW – I noted I was still logged in after being off the web site for more than 24 hours – can a timer be set to auto log out after some period of inactivity ---(like 8 Hours?)
8. I logged out – then logged back in using github account – worked perfect
9. I navigated to the dashboard   -- I do recommend that the top 'Find Networks' button be dropped since we have another one on the page ---- maybe this can turned into a link to an analytics page (can stub out for now) – showing a page on the number of active networks, messages sent … just stats about the SM ecosystem ?
10. In the headline – just need small corrections on syntax and spacing

    You can browse a list of public networks or private networks you're permitted to join ….. for a network you're already a member of

11. I then proceeded to use the webmachine platform to register a new network
12. I really like the styling and action on these pages!!
13. Still not completely clear to me what format is required for the database uri. …..
    a. I entered
       mongodb://<dbuser>:<dbpassword>@ds245150.mlab.com:45150/

    b. The error message said the db connection failed – please check the uri
    c. I then entered
       mongodb://ds245150.mlab.com:45150/
    d. And got the same error message ….. so will await further instruction from you on this

14. BTW – I like to toggle for 'system is live' – very simple way to deploy
15. I went to the web tab –
    a. I entered my website address https://www.xiollc.com
    b. A message popped up stating 'if you have a site, but prefer to let …..'   --- Not sure what this means so let's talk it through
    c. I did not see the option for deploying netlify site – which I thought I saw last time (and was very cool!)
16. I went to the agents tab
    a. Noted that there were no options – I assume this is where you envision setting up the 'configuration process' for selecting and deploying available agents?

17. I completed the billing info tab and submitted payment data using 4242 4242 4242 4242
    a. I resolved an error message where I entered the State code incorrectly for my address. I resolved this and submitted
    b. Message appeared that 'changes have been saved
        i. Spinner appeared and keeps spinning
        ii. I went to the MLAB client collection and noted stripe customer id was saved … but no address information was saved
        iii. Also noted that while the spinner was spinning on the 'billing info' tab – a message was posted in the Box that 'No stripe customer loaded'

18. I selected 'delete client' button – and a message was presented that 'this platform has been deleted'
    a. I recommend you change button to read – 'delete network'.
    b. Also recommend you render a message consistent with the action like 'network was deleted'
    c. I noted on mlab that the property isDeleted was set to true
    d. A button is needed to return to the homepage from the page that renders with 'this platform has been deleted'
19. When I returned to the dashboard homepage, the 'card' with my network appeared
    a. I selected it and it informed me that the 'platform was deleted'
    b. I logged out and back in – returned to dashboard and the card with my deleted network still rendered. RECOMMENDATION – put an icon or message on the card indicating that it is deleted – we probably still need to show it in case we have billings that still need to clear the system

20. I clicked on the member registration page
    1. Mercy appeared as available public network
    2. Registration was simple and complete
    3. The Mercy URI in the client collection points to a database set up by Juan I think – so I did not check to see if the member collection was properly updated

21. Open actions, questions and discussion items   …
    a. When we capture a cell phone for setting up a network or registering as a member of the network, we do need to complete a 2fa step. I know this was not part of the scope of the workorder … included in next refactor

b. Discussion needed on the next refactor work order to take the webmachine platform to true MVP readiness
    i. Set up common test and production servers – shared between webmachine and messaging platform
    ii. Need to activate all functions – credit card, twilio network deployment (require an API etc for grabbing and activating a telephone number
    iii. Encryption
    iv. 2fa on cell numbers
    v. Additional security features for autho login?
    vi. Basic set of analytic charts – or at least mock ups?
    vii. Work process to select and deploy agents
    viii. Work process for custom work when required
    ix. What is your perspective on Helmet? Is this useful? Any other security measures we need to take – encryption etc?
    x. User docs. Dev docs for the market
    xi. Other ideas?
c. Need to still test for a member type of 'partner' – ie the developer who is a member of the Strategic Machines network – see Juan on how to see up for this scenario
d. Timing to push to the cloud?
e. Need user docs ---
f. What is the opportunity to bundle up some of these web services as microservices so we can toggle between web ui and an 'agent ui'? Longer discussion needed here
g. Dedicate part of the in-person meeting to a structured walkthrough of the 'platform' – and identify next round of updates required for a very slick MVP?