

# 2018-04-04 Project Portfolio Report

Date 04 Apr 2018

## General Comments

- **Copay** Internal testing ( functional and performance ) is expected to continue for next two weeks. Expected production release late April 2018.
- Current target of the **UX/UI PoC** team is to prepare next version of “contact management “ feature video demo to be presented to public. The goal is also to collect requirements for Evolution Wallet ver. 1
- Final decision regarding re-branding is made. A new logo design provided by Tharp&Clark will be the new Dash logo. DCG decision regarding the future website(s) will be made based on the proposal provided by external vendor.
- For **Core**: Preparations for 12.3 release have been started. Transition from Trac is in progress and Trac is about to be deprecated.
- **DAPI/SDK**: New version of bitcore-lib, bitcore-node and insight in preparation. Removed some tech debt and improved CI testing on bitcore-lib (from bitcore-build / gulp to webpack). Quorum Data flow / sig flow and bloom filters still in progress.
- **DashDrive** team implemented storage layer (IPFS): adding and syncing ST Packets between DashDrive nodes, keeping sync state, handling blockchain reorg and initial sync.
- **Mobile**: iOS Dashwallet - Released NFC on iOS, no hiccups. DashControl App (1.0 iOS version): MVP will be sent to testers next week.
- **Mobile**: Android Dash Wallet: Issue with Google Play Account resolved. Android Dash Wallet: Uphold integration in buy Portal is planned to be sent to QA this week.

## Portfolio Status Report (RAG)

Project Name	Time	Budget	Resources	Risks
Core	N/A		GREEN	AMBER
Evolution DAPI/SDK	GREEN		AMBER	AMBER
Evolution DashDrive	GREEN			GREEN
UX/UI & PoC	GREEN		AMBER	AMBER
Dash Copay Wallet	AMBER			AMBER
dash.org website	N/A	N/A	AMBER	AMBER
Mycelium	AMBER	GREEN	GREEN	AMBER
Wachsman PR	GREEN	GREEN	N/A	GREEN
Mobile Team	AMBER	N/A	AMBER	AMBER

### \*RAG Status Guidelines

	Time	Budget	Resources	Risks
<b>Green</b>	Key milestones are met and critical path and delivery end date are <u>not</u> affected.	Cost variance is < 10% of lifetime cost.	No additional resources needed	No risk is reported Amber or Red.
<b>Amber</b>	One or several key milestones cannot be met but critical path and delivery end date are <u>not</u> affected.	Cost variance is 10%-20% of lifetime cost.	Additional 1 or 2 resources needed	At least one risk is reported as Amber and none is reported as Red.
<b>Red</b>	One or several key milestones cannot be met. Critical path and delivery end date are affected.	Cost variance is >= 20% of lifetime cost.	More than 2 resources needed	At least one risk is reported as Red.

# Project Status

Item	Who	Notes
Core	PM: <a href="#">Balazs Kiraly</a>  Tech Lead: <a href="#">Udjin M6</a> , <a href="#">Alexander Block</a>	<p>JIRA project: <a href="https://dashpay.atlassian.net/browse/CD">https://dashpay.atlassian.net/browse/CD</a></p> <p>JIRA status: Transition from Trac is in progress, Trac is about to be deprecated</p> <p><b>General comments</b></p> <ul style="list-style-type: none"> <li>• Compact Blocks (BIP152) backported and in review/testing phase</li> <li>• Preparations for 12.3 release have been started</li> <li>• DIP2, DIP3 and DIP4 documents are getting finalized</li> <li>• DIP2 and DIP3 partially implemented and in review/testing phase</li> </ul> <p><b>Time</b></p> <ul style="list-style-type: none"> <li>• N/A</li> </ul> <p><b>Resources</b></p> <ul style="list-style-type: none"> <li>• There are no new requests or needs</li> </ul> <p><b>Risks</b></p> <ul style="list-style-type: none"> <li>• Collaboration within team is limited</li> </ul>
Evolution DAPI/SDK	PM: <a href="#">Balazs Kiraly</a>  Tech Lead: <a href="#">Alex Werner</a>	<p>Jira Project: <a href="https://dashpay.atlassian.net/browse/EV">https://dashpay.atlassian.net/browse/EV</a></p> <p>Jira status: Jira is up to date</p> <p><b>General comments</b></p> <ul style="list-style-type: none"> <li>▪ New version of bitcore-lib, bitcore-node and insight in preparation.</li> <li>▪ OrbitDB (a dependency) changes poses some problems on which we focussed on several potential solutions previous week.</li> <li>▪ Started CI improvements (bitcore-lib with Karma)</li> <li>▪ Removed some tech debt on bitcore-lib (from bitcore-build / gulp to webpack).</li> <li>▪ Triggers (superblock) feature is on hold and won't be in next insight-API release.</li> <li>▪ DKG and BLS. Some input seems to be needed from Darren.</li> <li>▪ Quorum Data flow / sig flow still in progress.</li> <li>▪ SPV for ST waiting for DIP 2/3/4, continued work on bloom filters (need of Darren on this)</li> <li>▪ Needs of final decision on target platform for SDK (product owner should take this decision)</li> </ul> <p><b>Time</b></p> <ul style="list-style-type: none"> <li>• Waiting for DIP2/3/4 review and internal approval in order to unlock state transition</li> </ul> <p><b>Resources</b></p> <ul style="list-style-type: none"> <li>▪ QA Engineer recruitment is in progress (selected person is supposed to be onboarded soon)</li> <li>▪ Recruitment of PO is in progress</li> </ul> <p><b>Risks</b></p> <ul style="list-style-type: none"> <li>▪ Limited QA capacity in the team</li> <li>▪ We need more collaboration with R&amp;D and Mathematicians (or need a similar new hiring)</li> </ul>

<p>Evolution DashDrive</p>	<p>PM: <a href="#">Luba S.</a></p> <p>Tech Lead: <a href="#">Ivan Shumkov</a></p>	<p>Jira project: <a href="https://dashpay.atlassian.net/browse/DD">https://dashpay.atlassian.net/browse/DD</a></p> <p>Jira status: Jira is up to date.</p> <p><b>General comments</b></p> <ul style="list-style-type: none"> <li>Established code style and guidelines for the team. Workflow in discussing and prototyping stage.</li> <li>Implemented storage layer (IPFS): adding and syncing ST Packets between DashDrive nodes, keeping sync state, handling blockchain reorg and initial sync.</li> <li>Worked on integration tests with QA team. Started implementation of the test environment.</li> <li>Investigated and initiated implementation of IPLD format for storing ST Packets with own keys (CIDs) and valid structure.</li> </ul> <p><b>Time</b></p> <ul style="list-style-type: none"> <li>Project plan and backlog are up to date</li> </ul> <p><b>Resources</b></p> <ul style="list-style-type: none"> <li>1 new Backend Developer David Acosta was onboarded</li> <li>Only 1 PO is available for the organization. PO for the project is to be hired</li> </ul> <p><b>Risks</b></p> <ul style="list-style-type: none"> <li>N/A</li> </ul>
<p>UX/UI &amp; PoC</p>	<p>PM: <a href="#">Janusz Piasecki</a></p> <p>Tech Lead: <a href="#">Chuck Williams</a></p>	<p>JIRA project: <a href="https://dashpay.atlassian.net/browse/EF">https://dashpay.atlassian.net/browse/EF</a></p> <p>Jira status: Jira is up to date.</p> <p><b>General comments</b></p> <ul style="list-style-type: none"> <li>The team objectives are : <ul style="list-style-type: none"> <li>Provide Evolution Wallet prototypes ( requirements, design, demo )</li> <li>Deliver Evolution Wallet web product</li> <li>Provide UX/UI services for other development teams</li> </ul> </li> <li>The current target of the team is to : <ul style="list-style-type: none"> <li>Prepare next version of " contact management " feature video demo to be presented to public.</li> <li>Collect requirements for Evolution Wallet –ver. 1</li> <li>Design clickable prototype iteration for Evolution Wallet ver.1</li> <li>UX/UI services for Mobile team</li> </ul> </li> <li>Due to lack of a person that plays the PO role, the Team collectively fulfil the role now.</li> </ul> <p><b>Time</b></p> <ul style="list-style-type: none"> <li>The first public demo of „contact management „ was made on March 2018</li> <li>The next ( internal ) demo is scheduled for 4<sup>th</sup> April 2018</li> <li>The next public demo of "contact management " is planned for late April 2018 <ul style="list-style-type: none"> <li>Send &amp; Receive Payments</li> <li>Merchant Login (Stretch Goal)</li> </ul> </li> </ul> <p><b>Resources</b></p> <ul style="list-style-type: none"> <li>Chris Adam , UX/UI designer has been approved to join the team. The contract is going to be presented to him shortly.</li> <li>The team currently has only one web developer . The hiring process of a new web developer is in progress.</li> </ul> <p><b>Risks / Issues</b></p> <ul style="list-style-type: none"> <li>Lack of clear process of how the UX/UI services will be provided by the Team,</li> <li>There is lack of a clear priority for the team. The question is whether the team should continue focus on "contact management " demo or on the first version of Evolution Wallet prototype.</li> <li>Lack of PO – the Team collectively fulfil this role now.</li> </ul>

Copay

PM:

Janusz Piasecki

Tech Lead:

Quantum Explorer /

Jon Kindel

JIRA project: <https://dashpay.atlassian.net/browse/DPW>

<https://dashpay.atlassian.net/browse/DMD>

Jira status: Jira is not fully updated ( most of the tasks will be moved to the Mobile team backlog )

#### General comments

- The current scope of Dash Copay release includes Android and iOS versions.
- Release of Windows and Linux version is postponed. There is no current plan when these versions will be released for production.
- The initial full test was completed. The process of bugs fixing is in progress.
- The current version of Dash Copay solution includes recent changes implemented by BitPay. The initial light regression test did not show new issues.
- Development of performance testing suite is complete.
- Performance capability of the current Dash Copay solution is similar with BitPay performance capability. It indicates significant performance degradation with increased volume of transaction / minute. Performance limitation most likely is caused by application architecture and not by infrastructure. The testing is continued to determine the current solution performance capability.
- There is no sufficient data /information to predict possible highest transaction load, however, considering current volume of network transactions it is unlikely to face the performance risk at least at the first period of Dash Copay product use in production.
- Production release of Android and iOS versions is expected late April 2018
- Production release currently depends on:
  - successful completion of functional test
  - acceptance of current performance capability of the solution.
  - Production infrastructure readiness.

#### Time

- Internal testing ( functional and performance ) is expected to continue for next two weeks
- expected production release late April 2018.

#### Resources

- No additional resources are needed

#### Risks

- The current expected production release time frame can be changed. This is due to the fact that more time may be needed to gain sufficient knowledge and confidence needed to support the front-end application.
- Initial performance test results indicate limited performance capability. A solution needs to be developed in case the product will be widely used for day to day activity of Dash users.

dash.org website	PM: <a href="#">Janusz Piasecki</a> Tech Lead: <a href="#">mr.v</a>	JIRA project: <a href="https://dashpay.atlassian.net/browse/DW">https://dashpay.atlassian.net/browse/DW</a> JIRA status: Jira is up to date. <b>General comments</b> <ul style="list-style-type: none"> <li>Final decision regarding re-branding is made. A new logo design provided by Tharp&amp;Clark will be the new Dash logo.</li> <li>The re-branding decision will impact the current website and all products where the current logo is used .</li> <li>It is agreed that the old logo will coexist with the new logo for some time.</li> <li>The task to analyse and gather requirements for future website(s) is continued.</li> <li>DCG decision regarding the future website(s) will be made based on the proposal provided by external vendor.</li> <li>Implementation of the approved solution / design will be delivered by external vendor.</li> <li>Till the new websites are implemented the current website could be changed. The change may include :             <ul style="list-style-type: none"> <li>content review / change</li> <li>website structure review / change</li> </ul> </li> </ul> <b>Time</b> <ul style="list-style-type: none"> <li>April 1<sup>st</sup> 2018 – new logo design provided by Tharp&amp;Clark approved.</li> <li>April 2018 - changes on current website and products to reflect the re-branding decision</li> <li>April 2018 - decision regarding new website(s) solution</li> <li>April / May 2018 – selection of vendor to implement new website(s) solution</li> <li>August 2018 - delivery of new website(s)</li> </ul> <b>Resources</b> <ul style="list-style-type: none"> <li>Allocation of staff capable to review / approve, for production release, the implemented website changes is needed .</li> </ul> <b>Risks / Issues</b> <ul style="list-style-type: none"> <li>Current PO is overwhelmed with other duties therefore expressed the need to dedicate this role to other person from his team. Expected new resource (mitigation action: hire new PO).</li> <li>The release process of website changes needs to be defined to unblock long list of implemented changes pending approval (mitigation action: the definition of the process / procedures is in progress).</li> </ul>
Mycelium integration	PM: <a href="#">Robert Wiecko</a> Tech Lead: <a href="#">Tomasz Ludek</a>	JIRA status: project managed on Mycelium side via Redmine. <b>General comments</b> <ul style="list-style-type: none"> <li>The Mycelium team is finishin BCH modue and <a href="#">Tomasz Ludek</a> works at the same time on Dash module updates</li> </ul> <b>Time</b> <ul style="list-style-type: none"> <li>No delays on Dash side</li> <li>Delays noted on Mycelium side (in release on multi-currency wallet and BCH module)</li> </ul> <b>Resources</b> <ul style="list-style-type: none"> <li>There is no new resource requests</li> </ul> <b>Risks</b> <ul style="list-style-type: none"> <li>The team still waits for the improvements in bitcoinj library (external dependency on the lib developer) be merged into official branch. Coin level keys not yet implemented in dashj library.</li> </ul>

<p>Wachsmann PR</p>	<p>PM: <a href="#">Robert Wiecko</a></p> <p>Tech Lead: N/A</p>	<p>JIRA project: Not needed (project status maintained in Confluence)</p> <p><b>General comments</b></p> <ul style="list-style-type: none"> <li>• Project stable and executed according to expectations</li> <li>• 4000+ articles that either mentioned or featured the words "Dash" within March period</li> <li>• New media strategy development initiated. WiP with COM</li> </ul> <p><b>Time</b></p> <ul style="list-style-type: none"> <li>• Project executed without timelies but as an outgoing service</li> </ul> <p><b>Resources</b></p> <ul style="list-style-type: none"> <li>• There is no new resource requests</li> </ul> <p><b>Risks:</b> no risks observed</p>
<p>Mobile Team</p>	<p>PM: <a href="#">Luba S.</a></p> <p>Tech Lead: <a href="#">Quantum Explorer</a></p>	<p>JIRA project: <a href="https://dashpay.atlassian.net/secure/RapidBoard.jsps?projectKey=DMD&amp;rapidView=41&amp;view=planning">https://dashpay.atlassian.net/secure/RapidBoard.jsps?projectKey=DMD&amp;rapidView=41&amp;view=planning</a></p> <p>Jira Status: Jira is up to date.</p> <p><b>General comments</b></p> <ul style="list-style-type: none"> <li>• iOS Dashwallet - Released NFC on iOS, no hiccups.</li> <li>• DashControl App (1.0 iOS version): MVP will be sent to testers next week.</li> <li>• Start of internal work on DashControl App Android delayed due to lack of developer resources, is being put as a low priority item for now, will reassess after iOS release and when more devs finish their current work.</li> <li>• Fixes and UI improvements in Dashwallet Android : Implementation of a lock feature planned to be sent to QA this week.</li> <li>• Android Dash Wallet: Issue with Google Play Account resolved.</li> <li>• Android Dash Wallet: Uphold integration in buy Portal is planned to be sent to QA this week.</li> <li>• Android Dash Wallet: We assessed Wall of coins code on Android, merging it in is not advisable or warranted as is. We are preparing to work with WoC to find a solution and will be in contact with them this week.</li> <li>• Evolution: DIPS 2/3/4 finalized, waiting for implementation, this will allow for many core features in SPV wallets.</li> <li>• Dash Wallet apps redesign: we expected a redesign from front end team around mid march, and it seems like we are experiencing delays, waiting for it and expecting it this week. Redesign is low priority.</li> </ul> <p><b>Time</b></p> <ul style="list-style-type: none"> <li>• Delay with DashControl App release</li> </ul> <p><b>Resources</b></p> <ul style="list-style-type: none"> <li>• Missing resources to do vendor integrations if we decide we want to do them on our side.</li> </ul> <p><b>Risks:</b></p> <ul style="list-style-type: none"> <li>• Release plan needs to be published in Jira for all products</li> </ul>