

# 2018-03-07 Project Portfolio Report

Date 07 Mar 2018

## General Comments

- Internal Dash Core Group Inc structure finalised and approved (more details to be shared in further communication)
- AgileLAB (external consulting company hired to help with Agile implementation) finalised an assessment of the delivery structure and proposed setup for the delivery teams. Proposal approved by the DCG team and implementation launched (more details to be shared in further communication)
- Finished backporting Bitcoin 0.14 changes into the Core
- Conducted research on DKG and BLS (backend). Starting Proof of Concept implementation.
- Scope of DashDrive MVP finalised and 20% of the requirements completed
- Contact management functionality PoC implemented (Evo Frontend)
- Next minor release adding NFC capability for iOS in testing
- 3 new Developers and 1 new QA Engineer added to the team

## Portfolio Status Report (RAG)

| Project Name                     | Time  | Budget | Resources | Risks |
|----------------------------------|-------|--------|-----------|-------|
| Core                             | N/A   | GREEN  | GREEN     | AMBER |
| Evolution DAPI/SDK               | GREEN | GREEN  | AMBER     | AMBER |
| Evolution DashDrive              | AMBER | GREEN  | AMBER     | AMBER |
| Evolution Web/Front              | GREEN |        | GREEN     | AMBER |
| Dash Copay Wallet                | AMBER |        |           | AMBER |
| <a href="#">dash.org</a> website | N/A   | N/A    | AMBER     | AMBER |
| Mycelium                         | GREEN | GREEN  | GREEN     | AMBER |
| Wachsman PR                      | GREEN | GREEN  | N/A       | GREEN |
| Mobile Team                      | AMBER | GREEN  | GREEN     | AMBER |

### \*RAG Status Guidelines

|       | Time   | Budget                                     | Resources                          | Risks   |
|-------|--|--|------------------------------------|---|
| Green | 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.                                   |
| Amber | 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. |
| Red   | 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 |
|------|-----|-------|
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| Core                  | <p>PM: <a href="#">Balazs Kiraly</a></p> <p>Tech Lead:<br/> <a href="#">Udjin M6</a>,<br/> <a href="#">Alexander Block</a></p> | <p>JIRA project: Team is using Trac</p> <p>JIRA status: No backlog in JIRA</p> <p><b>General comments</b></p> <ul style="list-style-type: none"> <li>Finished backporting Bitcoin 0.14 changes</li> <li>Good progress on DIP3 (deterministic masternode lists)</li> <li>Implementation of "devnets" (similar to testnet, but multiple can exist in parallel and easier to spin up - mostly used for internal development purposes)</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>The team composition is not agreed at the moment</li> <li>Collaboration within team is limited</li> </ul>  |
| Evolution<br>DAPI/SDK | <p>PM: <a href="#">Balazs Kiraly</a></p> <p>Tech Lead:<br/> <a href="#">Alex Werner</a></p>                                    | <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>Conducted research on DKG and BLS. Starting Proof of Concept implementation.</li> <li>Governance and Triggers (superblock) features added in Insight-API</li> <li>Quorum Signatures flow research done, document prepared, waiting for last review. Implementation started.</li> <li>DAPI's Quorum Determination Algorithm shipped</li> <li>Subscription Transaction moved in bitcore-lib from SDK</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>Still no clarity about QA role. Kira is temporarily out of the team, recruitment in progress</li> <li>New dev Gilemon onboarded, already working on team backlog items</li> </ul> <p><b>Risks</b></p> <ul style="list-style-type: none"> <li>Limited QA capacity in the team</li> </ul> |

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| <p>Evolution DashDrive</p> | <p>PM: <a href="#">Luba S.</a></p> <p>Tech Lead: <a href="#">Andy Freer</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>• <a href="#">DashDrive roadmap proposal</a> was apporoved, backlog in Jira was created, MVP scope was clarified</li> <li>• Scrum Implementation started</li> <li>• Completed researches: <ul style="list-style-type: none"> <li>• DD implementation design (DIPs 025, 031, 036)</li> <li>• IPFS ecosystem, architecture and internal structure</li> <li>• IPFS vs OrbitDb vs custom p2p storage (p2p library + embedded key-value storage)</li> <li>• Choose database for state view (indexer) + local data</li> </ul> </li> <li>• Completed tasks: <ul style="list-style-type: none"> <li>• Generate IPFS hash without IPFS instance</li> <li>• Add ST packets to storage</li> <li>• Sync IPFS storage according to blockchain data (part of epic tasks completed)</li> <li>• Building Drive Interfaces to Core (JSONRPC, ZMQ) and ipfs-api</li> </ul> </li> <li>• Next steps: <ul style="list-style-type: none"> <li>• Sync IPFS storage according to blockchain data (basic storage sync) - complete the epic</li> <li>• MVP scope</li> </ul> </li> </ul> <p><b>Time</b></p> <ul style="list-style-type: none"> <li>• 20% of MVP scope completed</li> <li>• MVP release date was not scheduled</li> </ul> <p><b>Resources</b></p> <ul style="list-style-type: none"> <li>• 1 new Backend Developer David Acosta was hired (start date: March 19)</li> <li>• One more Backend Developer is needed (search is in progress)</li> </ul> <p><b>Risks</b></p> <ul style="list-style-type: none"> <li>• Limited team resources</li> <li>• No PO assigned (mitigated by initiation of hiring process)</li> <li>• No QA engineer fully assigned to the team, no QA activities</li> </ul> |
| <p>Evolution Web/Front</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 current target of the team is to : <ul style="list-style-type: none"> <li>• Prepare " contact management " feature demo to be presented to public as a video</li> <li>• Collect requirements for Evolution Wallet –ver. 1</li> <li>• Design clickable prototype iteration for Evolution Wallet ver.1</li> </ul> </li> <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> </ul> </li> <li>• The team has adopted SCRUM to manage their delivery .</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>• Public demo of „contact management „ feature is planned for April 2018</li> </ul> <p><b>Resources</b></p> <ul style="list-style-type: none"> <li>• The new developers hiring process is currently on hold till the work load ( the team backlog ) is accordingly defined and expected delivery effort estimated at high level .</li> </ul> <p><b>Risks / Issues</b></p> <ul style="list-style-type: none"> <li>• Lack of sufficient clear web development requirements ( contact management demo ) does not allow fully utilize available development capacity for biweekly sprints.</li> <li>• Lack of clear process of how the UX/UI services will be provided by the Team,</li> <li>• Lack of PO – the Team collectively fulfil this role now.</li> </ul>  |

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| Coplay | <p>PM:<br/>Janusz Piasecki</p> <p>Tech Lead:<br/>Quantum Explorer</p> | <p>JIRA project: <a href="https://dashpay.atlassian.net/browse/DPW">https://dashpay.atlassian.net/browse/DPW</a></p> <p>Jira status: Jira is not fully updated ( most of the tasks will be moved to the Mobile team backlog )</p> <p><b>General comments</b></p> <ul style="list-style-type: none"> <li>• Sam Westrich took over Copay PO role from Chuck Williams</li> <li>• Android and iOS versions of Dash Copay Wallet are currently maintained by the Mobile Team ( Denis )</li> <li>• Backend software is maintained by the Integration team ( Jon Kindel)</li> <li>• BWS environment ( testing &amp; production ) is maintained and supported by the Infrastructure team</li> <li>• Android and iOS versions are updated. Preparation of builds is in progress. There are unexpected issues that need to be resolved in order to make builds available to perform internal QA testing based on the test scenarios / test cases prepared by IBN and updated by Kira.</li> <li>• Development of performance testing suite is in progress.</li> <li>• The testing / bugs fixing period is expected to last for 2 weeks</li> <li>• The testing environment infrastructure is stable. The performance testing suite will be used to verify / tune the infrastructure to satisfy performance requirements .</li> <li>• Production release of Android and iOS versions is expected late March 2018</li> <li>• Production release currently depends on <ul style="list-style-type: none"> <li>• successful completion of functional and performance test</li> <li>• Infrastructure readiness .</li> </ul> </li> <li>• The original contract with IBN has been extended by and is currently terminated.</li> <li>• Release of Windows and Linux version is postponed. There is no current plan when these versions will be released for production.</li> </ul> <p><b>Time</b></p> <ul style="list-style-type: none"> <li>• Internal testing ( functional and performance ) is expected to last for two weeks</li> <li>• expected production release late March 2018.</li> </ul> <p><b>Resources</b></p> <ul style="list-style-type: none"> <li>• No additional resources are needed</li> </ul> <p><b>Risks</b></p> <ul style="list-style-type: none"> <li>• 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.</li> <li>• Initial performance test results indicate that the current infrastructure setup may not comply with performance criteria.</li> </ul> |
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| dash.org website     | <p>PM: <a href="#">Janusz Piasecki</a></p> <p>Tech Lead: <a href="#">mr.v</a></p>       | <p>JIRA project: <a href="https://dashpay.atlassian.net/browse/DW">https://dashpay.atlassian.net/browse/DW</a></p> <p>JIRA status: Jira is up to date.</p> <p><b>General comments</b></p> <ul style="list-style-type: none"> <li>• Final decision regarding re-branding is expected by 1<sup>st</sup> April 2018</li> <li>• The current website changes will be needed to reflect the re-branding decision (if the proposed changes are accepted). Implementation will start immediately after the re-branding decision is made</li> <li>• The task to analyse and gather requirements for future website(s) has been initiated. The DCG decision about the future websites implementation is expected by mid 2018.</li> <li>• Till the new websites are implemented the current website will be changed. The change will include : <ul style="list-style-type: none"> <li>• Content review / change</li> <li>• website structure review / change</li> </ul> </li> </ul> <p><b>Time</b></p> <ul style="list-style-type: none"> <li>• Early April 2018 – reflecting the re-branding decision in the current website look ( new logo and colours) , if approved by MN owners .</li> <li>• April / May 2018 - the current website content review / change</li> <li>• May / June 2018 - review and structure change of the current website</li> </ul> <p><b>Resources</b></p> <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> <p><b>Risks / Issues</b></p> <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: hire new PO).</li> </ul> |
| Mycelium integration | <p>PM: <a href="#">Robert Wiecko</a></p> <p>Tech Lead: <a href="#">Tomasz Ludek</a></p> | <p>JIRA status: project managed on Mycelium side via Redmine.</p> <p><b>General comments</b></p> <ul style="list-style-type: none"> <li>• The Mycelium team is finishing BCH module and <a href="#">Tomasz Ludek</a> works at the same time on Dash module updates</li> <li>• No new updates as our developer is on vacation</li> </ul> <p><b>Time</b></p> <ul style="list-style-type: none"> <li>• No delays on Dash side / Slight delays on Mycelium side</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></p> <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>  |
| Wachsman PR          | <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>• 3,760 articles that either mentioned or featured the words "Dash" within February</li> <li>• New media strategy to be developed during March</li> </ul> <p><b>Time</b></p> <ul style="list-style-type: none"> <li>• Project executed without delays but as an ongoing 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>   |

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| Mobile Team | <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.jspa?projectKey=DMD&amp;rapidView=41&amp;view=planning">https://dashpay.atlassian.net/secure/RapidBoard.jspa?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>• Work on DashControl App (iOS/Android) was moved from outsource team to internal team</li> <li>• DashControl App (1.0 iOS version): 50% of internal work complete, app is overall 75% done for development before testing.</li> <li>• DashControl App (1.0 Android version): work will be started in current sprint. We expect the app to be finished around 2 to 3 weeks after iOS.</li> <li>• Android Dash Wallet: Uphold integration in buy Portal is in final prototype stage. We will deliver a branch version to uphold next week to them.</li> <li>• Android Dash Wallet: Wall of Coins integration in buy Portal pull requests has been given to our team from WoC. We are currently assessing the code.</li> <li>• iOS Dash Wallet - Added pay thru NFC, waiting for green light from QA to release.</li> <li>• Evolution: working on pre-Evolution tasks, pending DIP 2/3/4 finalization (blocker for Evo work)</li> <li>• Dash Wallets: DIP 70-&gt;73 support added/verified</li> <li>• Configured CI for dashwallet</li> <li>• Dash Wallet apps redesign: first version of new design was created, feedback was provided. We are expecting new design version is the current sprint (next 2 weeks)</li> <li>• QA activities started: hired QA Engineer, started apps testing and test docs writing</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>• QA Engineer was hired and on-boarded</li> </ul> <p><b>Risks:</b></p> <ul style="list-style-type: none"> <li>• No methodology applied to the delivery team</li> <li>• Release plan needs to be published in Jira for all products</li> </ul> |
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