

This document contains a comprehensive report of the Month 1 XCM SDK, XCM ROUTER & XCM API maintenance period.

Document contains:

1. Short description
2. A detailed breakdown of the work
3. Outcomes / Obstacles that occurred during work
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1. Short description



During following month we focused on major improvements for XCM API (Hex update), XCM Visualizator perfecting, Batch feature for XCM SDK, Complex smart asset selection mechanism for XCM Playground and code refactoring in all tools.

2. A detailed breakdown of the work

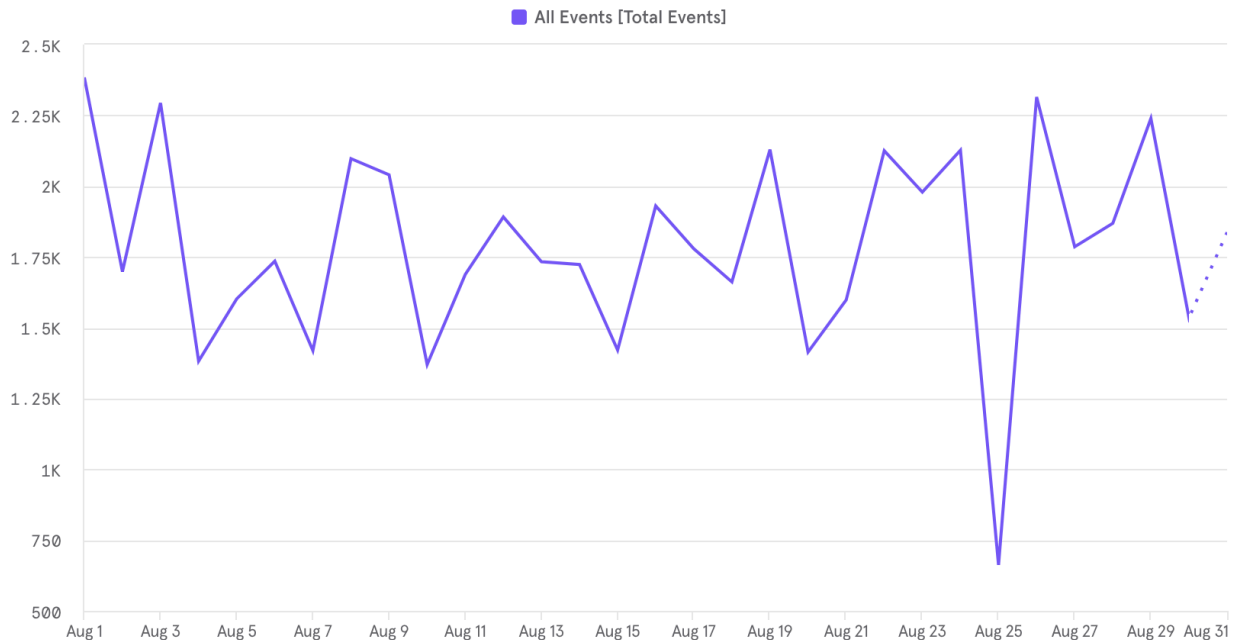
Work breakdown table		Description
Resolving following issue https://github.com/p	10 / 160 hours	Introduce a new type of currency selection to allow for a specific selection of assets if 2 or more with the same name are found.

araspell/xcm-tools/issues/330		
Resolving following issue https://github.com/paraspell/xcm-tools/issues/289	11 / 160 hours	The following issue removes the unused standard version package which was deprecated a while ago for release-please.
Resolving following issue https://github.com/paraspell/xcm-tools/issues/258	51 / 160 hours	The following month we resolved 6 more upgrades and innovations for XCM Visualizator. Users can now enjoy fully customizable individual Parachain locations in all directions (x,y,z), fully customizable skyboxes to make use of background, loading screens for everything to notify users, that the application is working, fixes for channel selection and show in Subscan queries for both accounts and selected channels (Working with time customization also!).
Resolving following issue https://github.com/paraspell/xcm-tools/issues/369	52 / 160 hours	Since we own the domain paraspell.xyz and we did not use it, we redirected it to point into official documentation. (We will work on professional landing page next month).
Resolving following issue https://github.com/paraspell/xcm-tools/issues/322	62 / 160 hours	The following update allows you to do Batch calls within XCM SDK meaning you can send multiple XCM calls simultaneously. (By both methods, either Batch or BatchAll).
Resolving following issue https://github.com/paraspell/xcm-tools/issues/328	92 / 160 hours	Since the XCM API had difficult to implement parsing mechanism, we always wanted to improve the implementation aspect. During our latest research, we found, that we can return extrinsic encoded as HEX which can then be implemented by api.tx(hex) instead of lengthy parsing. This made a major improvement in UX for

		<p>developers. All extrinsic endpoints now return hex (you have to add “-hash” to the endpoint because we kept backwards compatibility for projects implementing the XCM API the old way. We have however removed the old way from docs to only keep developers implementing XCM API via the new much more efficient way.</p>
<p>Resolving following issue https://github.com/paraspell/xcm-tools/issues/316</p>	122 / 160 hours	<p>The following issue implemented Snowbridge into XCM Router, XCM API and XCM Router in XCM API. It can now be used natively within every tool we offer.</p>
<p>Resolving following issue https://github.com/paraspell/xcm-tools/issues/298</p>	123 / 160 hours	<p>The monorepository now uses the official eslint react plugin to work better with react apps.</p>
<p>Resolving following issue https://github.com/paraspell/xcm-tools/issues/345</p>	143 / 160 hours	<p>The following issue introduces a complex smart asset selection mechanism component to the XCM Playground. It is available to every developer and they can easily fork this code to build an efficient dex tool supporting every chain ParaSpell implements.</p>
<p>Resolving following issue https://github.com/paraspell/xcm-tools/issues/296</p>	150 / 160 hours	<p>The following issue features code refactoring where any types were replaced with proper types to minimise the risk of error/issue.</p>
<p>Resolving following issue https://github.com/paraspell/xcm-tools/issues/288</p>	152 / 160 hours	<p>The following issue adds codecov to inform us and the developers of the coverage that ParaSpell currently has on the codebase.</p>
<p>Resolving following issue</p>	152 / 160 hours	<p>Since our monorepo is configured for the PNPM</p>

https://github.com/p-araspell/xcm-tools/issues/290		package as it has a smart caching mechanism, we replaced other package management libraries that were still present within monorepo.
Resolving following issue https://github.com/p-araspell/xcm-tools/issues/295	155 / 160 hours	The following code refactor removed temporary disabled eslint errors and fixed them with valid solution.
Monthly maintenance check https://github.com/p-araspell/xcm-tools/issues/341	160 / 160 hours	The following issue contains monthly maintenance checks that ensure everything is at the latest version and fully working.
Report article https://medium.com/@dudo50/paraspell-maintenance-report-month-11-ecffb303d03e	160 / 160 hours	Medium article containing the monthly report of work.
Consultation hours	180 / 160 hours	Consultations with teams implementing the XCM Tool stack.
Total hours spent	180 hours	

3. Outcomes / Obstacles that occurred during work



Total requests in the month: 55463
Highest request count in one day: 2384
Lowest request count in one day: 662

A decrease of 5.29% since last month

4. Next plans

During the next month, we wish to focus on perfecting XCM Visualizator further, introducing a professional landing page for XCM Tools at paraspell.xyz, bringing major breaking change in asset selection to XCM SDK (7 types down to only 4 types), refactoring asset script, building e2e tests to cover the entire XCM playground and refactoring work such as fixing eslint errors.

5. Conclusion

Overall we covered everything we had planned during this month, met the hourly limit, surpassed it and were able to give an extra 20 hours of support to other teams.