Heading to the future.
A survey to reach for the stars.
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Introduction

Thank you for having downloaded this first Quasar Survey report, related to 2020 Quasar Survey. This document provides an exhaustive summary of all the topics covered in the questionnaire. For sake of brevity, given the huge amount of data collected, this document does not contain, one by one, all the feedback submitted by the participants.

Percentage of aggregated data are given as well as specific anonymous answers selected from the pool, considered significant to provide an overall impression about the Quasar community feedback. Sometimes percentage below 1% has been considered not significant and has been discarded.

The 2020 Quasar Survey has been studied and compiled by Dreamonkey Srl with supervision of the Quasar Core Team. The survey has been submitted to the participants via Quasar social media network and channels.

Number of questions

53*

*The document does not include all the 53 questions as those regarding candidacies to help Quasar team have been omitted.

Participants

1090

Duration

2-16 nov. 2020

This document has been compiled and designed by a Quasar Platinum Sponsor, Dreamonkey Srl.
The Quasar community

The majority of people inside the community works for a company as full-stack developer. Nearly half of the community has a degree related to programming.

The big percentage of self-taught developers may indicate that Quasar is a technology able to attract a wide number of people searching for an easy-to-adopt framework. This datum highlight the possible need to offer more contents dedicated to new-comers and people approaching prog. science best practices for the first time.

For a matter of extra privacy we decided not to include data regarding annual salary range of the participants.
Quasar around the globe

Quasar attracted a big European audience, being it nearly half of the global community. This may be due to the project being born in Europe. Asia is another big part of the community, taking the second position. Developers from America split almost equally between North and South.

When considering individual Countries the chart changes. USA at the top with some of the most important European countries, along with other big players such as Brazil and India, which is known for its digital tech field effort.

The numbers are not surprising but the big European slice is an interesting insight because all the big web frameworks are usually rooted on a USA background.
Most relevant features for new-comers

The great majority of users agreed on the importance of the UI library. This shows a confirmation of the role of frontend developers for the Quasar community and thus of the importance of frontend-related resources.

While it is probable that this was not the only reason for Quasar adoption by developers, this datum underlines the importance of web components and the possible need to improve them further in order to expand the community.

Which features convinced you to adopt Quasar framework for your projects?

1088 answers

<table>
<thead>
<tr>
<th>Feature</th>
<th>Answers</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>UI library</td>
<td>974</td>
<td>89.5%</td>
</tr>
<tr>
<td>Documentation quality</td>
<td>876</td>
<td>80.5%</td>
</tr>
<tr>
<td>PWA support</td>
<td>606</td>
<td>55.7%</td>
</tr>
<tr>
<td>Cordova integration</td>
<td>421</td>
<td>38.7%</td>
</tr>
<tr>
<td>Electron integration</td>
<td>399</td>
<td>36.7%</td>
</tr>
<tr>
<td>SSR support</td>
<td>291</td>
<td>26.7%</td>
</tr>
<tr>
<td>Capacitor integration</td>
<td>273</td>
<td>25.1%</td>
</tr>
<tr>
<td>App Extensions plugin system</td>
<td>226</td>
<td>20.8%</td>
</tr>
<tr>
<td>Browser Extension support</td>
<td>104</td>
<td>9.6%</td>
</tr>
</tbody>
</table>
Critical aspects and risk of Quasar abandonment

Many users never had major problems with the framework but we collected some of the personal advice that highlight possible improvements.

Many people showed their pleasure in working with Quasar. Another part of users simply did not answer the question.

What emerges from the answers is that the most felt pain-point regards Quasar UI and components. Some of the users asked for things that already exist which highlights a latent “low discoverability” of core components and app extentions.

It is probable that the framework is under-communicated from a marketing perspective and that the unclear agenda provided to the community makes someone uneasy in relying on the framework.

If it was ever the case, what made you almost abandon Quasar framework? What parts of the framework feel “clunky” to you?

521 answers

“Not enough marketing. Inferior frameworks get more publicity. Quasar needs to feel better supported with more backing.”

“The fear of long term roadmap; viability of Quasar not being around in 2-5 years.”

“The most difficult part is to heavily customize the style, being the framework heavily bound to material design.”

“It’s UI could be more easily customizable.”

“There is no ‘first good issue’, no community roadmap and it feels Quasar is developed only by core members, and no plan to increase community engagement.”

“Themability, roadmap and organization opacity.”

“UI component are great but I hate sticking too close to Material UI.”

“Limited to Material Design.”

“Not enough marketing. Inferior frameworks get more publicity. Quasar needs to feel better supported with more backing.”

“The fear of long term roadmap; viability of Quasar not being around in 2-5 years.”

“The most difficult part is to heavily customize the style, being the framework heavily bound to material design.”

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“Themability, roadmap and organization opacity.”

“UI component are great but I hate sticking too close to Material UI.”

“Limited to Material Design.”
Quasar website

Given the mass of technical information hosted inside the website, the answers are to be intended as a good feedback.

Info discoverability

1084 answers

- 78.5% No big issue
- 17% No issue at all
- 1.6% Other
- 2.9% Problems most of the time

5 most needed doc. sections

1083 answers

- Vue components: 1007 - 93%
- Layout & Grid: 808 - 74.6%
- Style & Identity: 781 - 72.1%
- Quasar Plugins: 474 - 43.8%
- Options & helpers: 452 - 41.7%

Less needed info

931 answers

- Who are the Quasar sponsors: 560 - 60.2%
- How to become part of the Quasar Team: 526 - 56.5%
- How to get technical support: 468 - 50.3%
- How to become a Quasar sponsor: 448 - 48.1%
- Who is in charge behind Quasar: 415 - 44.6%
- Why donations are important: 394 - 42.3%

Why are less needed info

928 answers

- Checked then switched to work routine: 491 - 52.9%
- No interest in these insights: 375 - 40.4%
- No interest in sponsoring Quasar: 108 - 11.6%
5 most useful info to find in Quasar main page for new comers

The answers reflect part of the info already given so this means that the landing page, at least for what concerns contents, is well thought.

"How strong is the team (when choosing a framework, it’s important to know it won’t stop the next day)."

"A gallery highlighting your most amazing components (tables, clearly)."

If you were a new prospective Quasar user wanting to know more about the framework, what 5 infos would you absolutely like to find on the website main page?

<table>
<thead>
<tr>
<th>1033 answers</th>
<th>791 - 76,6%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quasar features offered to dev.</td>
<td>782 - 75,7%</td>
</tr>
<tr>
<td>Comparison Quasar-other frameworks</td>
<td>730 - 70,7%</td>
</tr>
<tr>
<td>Why Quasar is a good choice (pros)</td>
<td>616 - 59,6%</td>
</tr>
<tr>
<td>Link to web components</td>
<td>540 - 52,3%</td>
</tr>
<tr>
<td>What is Quasar</td>
<td>397 - 38,4%</td>
</tr>
<tr>
<td>Who is Quasar meant for</td>
<td>305 - 29,5%</td>
</tr>
<tr>
<td>Link to Github</td>
<td>172 - 16,7%</td>
</tr>
<tr>
<td>Link to Discord channel</td>
<td>133 - 12,9%</td>
</tr>
<tr>
<td>Live chat with the Team</td>
<td>83 - 8%</td>
</tr>
<tr>
<td>Links to the social network</td>
<td>47 - 4,5%</td>
</tr>
</tbody>
</table>

"Tutorial videos! Introduction video! Videos!"

"Why should we trust/build a long run development relations with this framework?"
UX advice and contents accessibility

The majority of users have no problem with the website, however we can enlarge that percentage of people with a minimal reallocation of links and navigation drawer which is very crowded at the moment.

The main issues outside the path of suggested answers seem to revolve around the search functionality because every time the topic comes in, the words expressed by the users are not positive.

In your opinion, what would improve your user experience and the contents accessibility?

1007 answers

“The sidebar is very busy, I find it too big. I mainly use the search feature but it often doesn’t find what I am looking for or will bring me to the wrong page.”

“Link directly to the components section without the need to scroll down.”

“The documentation is perfect, but the main page is terrible.”

“Placing component API documentation at the top of their respective pages so users don’t have to scroll through the entire page to get to them.”

“Currently, to enter the documentation I need to click on the docs button. Would be great to introduce a documentation search bar directly on the main page to avoid this one step.”
Sponsorship
People & contributions

The majority of users never funded Quasar and still do not. Freelancers seem to be more active on this effort and even among old dismissed fundings freelancers were more active than companies. **Companies percentage is more than three times smaller than freelancers’** but among answers emerges an **issue related to convincing management** to contribute.

Freelancers feel engaged in the Quasar cause and numbers prove it, but **many times they do not have enough money to contribute** even though they would like to.

Higher one-shot contributions of 500 or 600 $ exist too, even though rare. The favorite tier is 10 $ followed nearly after by much smaller 1 $ and 5 $ contributions. **Higher budgets are not directly related to companies** and cases of proficient freelancers exist, as well as companies that give just 1 $/month.

Behind the word “company” sometimes could stand a more humble working reality with small income (or unwilling to spend much on open source). Part of the community might be unaware of the possibility to contribute with microtransactions.
A call to action to support Quasar

Only 8.4% of the community is actively funding Quasar!

We are not deaf to the community's requests and we are already planning new ideas and concepts to improve our beloved technology and strengthen our funding system.

In the meanwhile you can consider even a small donation. Look how awesome Quasar is right now and imagine where we can go with the support of that 91.6% of people. Our engines are heating up, let's reach for the stars together, we need you! :D

To contribute follow this [link](#)
Interruptions & opportunities

UI aspect emerges again when talking about what would engage more people in funding Quasar. The money issue continues to pop out in personal answers as well.

Lack of money is a constant when coming to contribution interruption in the Quasar community. The reasons are hard to determine, but a few answers came along with the technical support and benefits disappointment, even though those are a minority.

If you haven't ever funded Quasar, what would lead you to fund it?

768 answers

<table>
<thead>
<tr>
<th>More components</th>
<th>264 - 34,4%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Themes (Bootstrap, Human Interface...)</td>
<td>232 - 30,2%</td>
</tr>
<tr>
<td>Official professional enterprise support</td>
<td>143 - 18,6%</td>
</tr>
<tr>
<td>My company does not want to invest</td>
<td>110 - 14,3%</td>
</tr>
<tr>
<td>Bounties on issues (eg. IssueHunt)</td>
<td>101 - 13,2%</td>
</tr>
<tr>
<td>Better tier benefits</td>
<td>60 - 7,8%</td>
</tr>
<tr>
<td>Cheaper tier system</td>
<td>53 - 6,9%</td>
</tr>
<tr>
<td>No personal investment (freelancer)</td>
<td>51 - 6,6%</td>
</tr>
<tr>
<td>Less tiers, better tiers</td>
<td>20 - 2,6%</td>
</tr>
</tbody>
</table>

If you stopped funding Quasar, why did you stop?*

112 answers

<table>
<thead>
<tr>
<th>Lack of money</th>
<th>52 - 46,4%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technical support quality disappointed</td>
<td>10 - 8,9%</td>
</tr>
<tr>
<td>Began to sponsor another framework</td>
<td>9 - 8%</td>
</tr>
<tr>
<td>Closed the projects needing support</td>
<td>7 - 6,3%</td>
</tr>
<tr>
<td>Sponsorship benefits needed no more</td>
<td>3 - 2,7%</td>
</tr>
<tr>
<td>Benefits not worth the tier money</td>
<td>3 - 2,7%</td>
</tr>
</tbody>
</table>

*Some users who answered this question ignored the indications provided to limit the answers to those who funded at least once so the data collected comprehend people who did not actually fund Quasar in the first place. We suppose most of those answers can be considered as “Lack of money”.
Tiers & high-level sponsors visibility

Do you think that Quasar high-tier sponsors are receiving enough space to show themselves on the website?

Would you pay for a higher tier if it was more suited to your needs than the one you are paying for now?

505 answers

- Yes: 15.4%
- No: 14.3%
- More yes than no: 8.6%
- More no than yes: 10.8%
- They don't: 8.6%
- They do: 20.4%
- Do not know: 47.4%
- Maybe: 34.7%
- Other: 1%

799 answers

- Yes: 2.3%
- No: 1%
Commercial package support

1/4 of the community is interested, while half of it has no strong opinion yet.

Some of the answers reflect the possibility that a part of the users did not understand what was the package we referred to (seems it has been intended as “commercial NPM package”). As a result we might consider that part of the percentage is influenced by this false perception.

According to some answers, the commercial package has been seen not as a support service available to companies (that is what was intended) but as a secondary group of web resources to pay for.

Less than 200 people submitted a suggestion so the answers are not representative of the whole pool. More people liked the idea of 8-10h support per month. Once more, UI concerns pop out from the answers. In general, the idea of paid support hours gathered approval.

Would you welcome a commercial package for support?

922 answers

- 25.7% Yes
- 46.4% Do not know
- 24.5% No
- 3.3% Other

“Yeah more features like that, I think that corporate companies are looking for a kind of insurance and a support package is what they’d need.”

“Yes, I probably wouldn’t use it but it may make Quasar seem more credible in the industry.”

“Not if it would replace or cripple the current support through the forum.”

“Ticketing service would be good.”

“My company needs ‘standard’ support / consulting but it doesn’t like donations.”

“A guarantee response time.”

“Package of hours.”

Which perks would you welcome into a commercial package?
What are your needs?

184 answers

“I think however that having a paid support option would give corporate customers the confidence to buy in.”
Communication channels
**Discord**

**More than a half of the users do not use it**, apparently. From the answers we get that the forum seems to be preferred but most importantly we highlight that nearly half of the users did not know Discord channel existed!

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**Do you use Quasar Discord channel?**

1078 answers

- 36% Yes
- 64% No

**If not, why?**

687 answers

- Didn't know it existed: 312 (45.4%)
- No time for it: 224 (32.6%)
- Not interested: 154 (22.4%)

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“**Too much noise. I did use it. Now I feel the Forum and the documentation pages are more friendly for me.**”

“**The documentation pretty much helps out and following Quasar on Twitter keeps me updated regarding the new features and fixes.**”

“I find the Discord UI counter-productive for “Q&A” style communication when there are many users.”

“I prefer Github issues or Quasar Forum.”
Quasar blog

The Quasar blog has less coverage than Discord channel. The percentage of use is smaller and it corresponds quite totally to people who did not know it existed.

Do you follow Quasar DEV.TO blog?
1069 answers

If not, why?
870 answers

<table>
<thead>
<tr>
<th>Reason</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Didn’t know it existed</td>
<td>754 - 86.7%</td>
</tr>
<tr>
<td>No time for it</td>
<td>78 - 9%</td>
</tr>
<tr>
<td>Too occasional contents</td>
<td>43 - 4.9%</td>
</tr>
<tr>
<td>Not interested</td>
<td>26 - 3%</td>
</tr>
<tr>
<td>Too few articles</td>
<td>25 - 2.9%</td>
</tr>
</tbody>
</table>

“The articles are not of my interest; a podcast probably would be interesting. The main topic of interest: the very core.”

“Actually I do read it, but very occasionally. It competes with other online resources ... so many sites, so little time ;)

“The blog updates are too occasional; 1 article per month?!”

“Too basic articles, and the ones that are not, are unfortunately aimed at a different target demographics.”
Quasar Forum

More used than Discord and known by more people. The majority of people not using the forum have a problem with time so we can assume that in this case the problem is not concerning communication.

Do you use Quasar forum?

1066 answers

If not, why?

481 answers

<table>
<thead>
<tr>
<th>Reason</th>
<th>Answers</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>No time for it</td>
<td>172</td>
<td>35.8%</td>
</tr>
<tr>
<td>Didn’t know it existed</td>
<td>166</td>
<td>34.5%</td>
</tr>
<tr>
<td>Not interested</td>
<td>111</td>
<td>23.1%</td>
</tr>
</tbody>
</table>

54.4% Yes

45.6% No

"Discord is more than enough for me and I don’t want to create a forum account."

"Multiple places are confusing."

"It feels pretty antiquated. I wish there was a place that took the most commonly asked questions and their answers."

"Only looked at it occasionally. Couldn’t find helpful answers or question topics."
Twitter & Facebook

The majority of people do not use them because they have no profile or do not pay much attention to the platforms in general. In this case the pages were known, at least. Social networks have little space in the community life.

Do you follow Quasar’s Twitter page?

1058 answers

- 27.7% Yes
- 72.3% No

If not, why?

- No profile/ignored Twitter: 494 - 66.1%
- Didn’t know it existed: 169 - 22.6%
- No time for it: 85 - 11.4%
- Too occasional tweets: 19 - 2.5%
- Repetitive/boring contents: 12 - 1.6%

Do you follow Quasar’s Facebook page?

1058 answers

- 15.7% Yes
- 84.3% No

If not, why?

- No profile/ignored Facebook: 547 - 63%
- Didn’t know it existed: 230 - 26.5%
- No time for it: 81 - 9.3%

“Facebook is for me related to personal friends and family.”

“I don’t need to see Quasar on social media. Super unimportant to me.”

“It doesn’t have any exclusive content, and the type of content that is shared can be mostly found in Discord channel and Twitter.”

“Figured if there were major updates I would see them.”
Contents wishlist

The community has a strong concern about Quasar future as the milestones agenda is high in their priorities. Tutorials and case studies show an interest towards technical contents which are not specifically social related.

“Personas behind the project. Are they funny/nerdy/fatcats/derelicts. What's the motivation, why few.”

“Solutions to specific common but not straight forward problems and ‘How to's’.”

“None. All options you name fit better on a web site, except for a notification feed. That's about all I would use a Quasar presence on Twitter/FB/You-Name-It for.”

“What kind of contents would make you follow any of them?

884 answers

<table>
<thead>
<tr>
<th>Contents Type</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blog tutorials</td>
<td>608 - 68.8%</td>
</tr>
<tr>
<td>Insight on Quasar future milestones</td>
<td>553 - 62.6%</td>
</tr>
<tr>
<td>Contents/case studies of projects involving Quasar</td>
<td>510 - 57.7%</td>
</tr>
<tr>
<td>Video tutorials</td>
<td>508 - 57.5%</td>
</tr>
</tbody>
</table>

“Do what's really important: very good docs, where I can find all relevant things for my day-to-day work. Really appreciate the quality!”

“Memes man, everything is memes now, I'm kinda depressed about it but damn a joke will make you smile, but also all the other points.”
High-level opportunities

The majority of users ask for a codebase which supports both Vue2 and Vue3. As the free writing comments highlight, this is probably driven by the fear of a painful update process.

Many ask for a clear and public roadmap which is something that emerges from other answers to previous questions as well. The request for real world examples, tutorials and articles is strong, as well as new themes to flank Material Design UI.

If you had the opportunity to choose some aspects of Quasar ecosystem to improve in the near future, what would they be?

1009 answers

<table>
<thead>
<tr>
<th>Aspect</th>
<th>Percentages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Combined support of Vue2 and Vue3</td>
<td>527 - 52.2%</td>
</tr>
<tr>
<td>Clearer public roadmap</td>
<td>366 - 36.3%</td>
</tr>
<tr>
<td>In-depth blog contents and articles tutorials</td>
<td>353 - 35%</td>
</tr>
<tr>
<td>More interactive website (comments, examples, useful snippets...)</td>
<td>319 - 31.6%</td>
</tr>
<tr>
<td>Better typings (rewrite Quasar codebase using TypeScript)</td>
<td>306 - 30.3%</td>
</tr>
<tr>
<td>Public voting system for new features</td>
<td>282 - 27.9%</td>
</tr>
<tr>
<td>Cover Quasar codebase with automatic tests</td>
<td>227 - 22.5%</td>
</tr>
<tr>
<td>Better documentation</td>
<td>203 - 20.1%</td>
</tr>
<tr>
<td>Regular podcasts/online meetings with Quasar Team</td>
<td>141 - 14%</td>
</tr>
<tr>
<td>Better technical support</td>
<td>104 - 10.3%</td>
</tr>
</tbody>
</table>

“More focus on GUI components design (material design and iOS).”

“I think that Quasar is a beautiful piece of art but it needs marketing and good content/tutorials may be a good path.”

“Better full app examples / tutorials.”

“I, again, suggest gathering help from the community.”

“I don’t know what the roadmap looks like, but I’ve been watching Quasar go from cool to cooler. Would be interested to see what’s coming in the future.”

“Mini Projects to demonstrate specific use cases. I.e. Authentication w/ JWT, token renewal.”

“I’d like to learn how to code in the manner used by the Quasar developers. I started with Vue, so most of my work is done directly in my components.”

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Features & tech
Priority features to be implemented

The hype for Vue3 support is overwhelming. We worked on it since August/September and we released the beta version at the beginning of February. Stable release is expected to be released during Q1 2021. Jump in and help us catching all edge cases!

The popularity of pre-built pages/components scaffolding is the most surprising request. We’ll soon discuss what we can offer to the community on this topic and reach back soon.

Multiple themes support was already tickling our mind. We are studying ways to make this feature addition financially viable for the project so expect news.

Other options didn’t quite catch much momentum, so they won’t be our priorities. If you are interested in working on one of these or fund related development, please reach out to our Discord server.

If you had to decide which new features should be implemented first, what would they be?

1028 answers

<table>
<thead>
<tr>
<th>Feature</th>
<th>Votes</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vue3 support</td>
<td>859</td>
<td>83.6%</td>
</tr>
<tr>
<td>Advanced scaffold for authentication, profile management, etc</td>
<td>483</td>
<td>47%</td>
</tr>
<tr>
<td>Multiple themes support decoupling components from Material Design</td>
<td>447</td>
<td>43.5%</td>
</tr>
<tr>
<td>Auto-route feature</td>
<td>278</td>
<td>27%</td>
</tr>
<tr>
<td>TypeScript support for App Extensions</td>
<td>237</td>
<td>23.1%</td>
</tr>
<tr>
<td>Automatizable creation process via JSON configuration</td>
<td>209</td>
<td>20.3%</td>
</tr>
<tr>
<td>Support Yarn 2</td>
<td>126</td>
<td>12.3%</td>
</tr>
<tr>
<td>Official SSG mode</td>
<td>121</td>
<td>11.8%</td>
</tr>
</tbody>
</table>

“More powerful q-table component, i.e. grouping, draggable resizable columns, etc.”

“Input components that are denser than “dense” - important for data heavy interfaces.”

“Be more close to popular projects like ecommerce, (like vue-storefront with ecommerce template/components / Bridge to plug with an existing ecommerce project), CMS, etc…”

“Add in automatic oauth handling plugins to manage tokens, authentication, etc. These things are complex to implement by hand and could be better handled by the Quasar team.”
CSS preprocessor, ESLint and async requests

**SASS with SCSS syntax will become the default CSS preprocessor for Quasar,** given the overwhelming preference, while Stylus will be dropped in Quasar 2 to remove the maintenance burden and ease future CSS tree-shaking support.

We’ll update ESLint presets order into the starter-kit to reflect preferences of the majority of the community. Since Airbnb Style is used by so few users, we’ll consider deprecating it during Quasar 2 lifecycle.

Axios is still dominating the scene, but we’ll focus a bit more on GraphQL App Extension and possibly add a native fetch option on the starter kit. Other communication means won’t have first party support for now, but we’ll gladly welcome community-supported App Extensions.

What is your favourite/most-used CSS preprocessor, if any?

<table>
<thead>
<tr>
<th>Choice</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sass (SCSS syntax)</td>
<td>55.2%</td>
</tr>
<tr>
<td>Sass (indented syntax)</td>
<td>16.9%</td>
</tr>
<tr>
<td>None</td>
<td>16.5%</td>
</tr>
<tr>
<td>Other</td>
<td>1.2%</td>
</tr>
</tbody>
</table>

What is your favourite/most-used way of performing async requests to a server, if any?

<table>
<thead>
<tr>
<th>Choice</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Axios</td>
<td>77.8%</td>
</tr>
<tr>
<td>Native fetch</td>
<td>5.7%</td>
</tr>
<tr>
<td>GraphQL</td>
<td>9.6%</td>
</tr>
<tr>
<td>None</td>
<td>2.3%</td>
</tr>
<tr>
<td>Other</td>
<td>4.6%</td>
</tr>
</tbody>
</table>

What is your favourite/most-used ESLint preset, if any?

<table>
<thead>
<tr>
<th>Choice</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prettier</td>
<td>36.1%</td>
</tr>
<tr>
<td>Standard</td>
<td>35.4%</td>
</tr>
<tr>
<td>None</td>
<td>16.7%</td>
</tr>
<tr>
<td>Other</td>
<td>2.2%</td>
</tr>
<tr>
<td>Airbnb</td>
<td>9.6%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Choice</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.8% Stylus (deprecated, if dropped we will work on Quasar CSS tree-shaking)</td>
<td>7.8%</td>
</tr>
<tr>
<td>1.2% LESS (no support out-of-the-box)</td>
<td>1.2%</td>
</tr>
<tr>
<td>0.9% Other</td>
<td>0.9%</td>
</tr>
<tr>
<td>55.2% Sass (SCSS syntax)</td>
<td>55.2%</td>
</tr>
<tr>
<td>16.5% None</td>
<td>16.5%</td>
</tr>
</tbody>
</table>
OS, Docker & package managers

We still believe yarn is a superior tool right now, but we'll work towards a more streamlined workflow with NPM too, knowing most of the community still uses it.

While we knew many were using Docker, we didn't expect them to be a whopping 50% of the total. We recently added some Docker guidance into the documentation and will pay more attention on this setup from now on.

What operating system(s) do you use to program in?

<table>
<thead>
<tr>
<th>Operating System</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Windows</td>
<td>48.1%</td>
</tr>
<tr>
<td>Linux</td>
<td>26.0%</td>
</tr>
<tr>
<td>Mac</td>
<td>22.1%</td>
</tr>
<tr>
<td>Other</td>
<td>3.8%</td>
</tr>
</tbody>
</table>

What is your favourite/most-used package manager?

- NPM: 60.1%
- Yarn: 39.2%
- Other: 0.7%

Do you use Docker for web development?

- Yes: 295 - 27.5%
- No: 528 - 49.5%
- Sometimes: 263 - 24.5%
**TypeScript**

Little more than a fifth of devs uses TS regularly, this pays off for our efforts on this aspect and encourages us to enhance its support into the framework. Since the whole ecosystem is shifting towards it, we also expect this share to increase in time.

When coming to TypeScript users, Composition API is quickly becoming the new standard, even if Class API is still relevant and there are more mixed codebases than we thought. We’ll strive to better support the latter cases, as we expect their percentage to rise when old codebases will be migrated to Quasar 2.

Unfortunately we don’t know if these percentages apply to users not using TypeScript and if mixed codebases are a willing choice or due to existing projects being only partially migrated to new APIs.

---

Do you regularly use TypeScript in your Quasar projects?

- **22.5%** Yes
- **77.5%** No

If you use Typescript, what Vue component style you prefer/use most?

- **46.2%** Composition API
- **24.4%** Class API
- **20.6%** Two or more of these in the same codebase
- **8.8%** Options API

---

1069 answers

344 answers
Automatic testing

Jest and Cypress are the most loved and used harnesses and will keep having first party support by the team. Having all others pretty low shares, we’ll discuss internally about their future and possibly ask the community to step-up to maintain/revamp existing ones and create the ones missing.

What automatic testing harnesses do you use/want to use into your Quasar projects, if any?

<table>
<thead>
<tr>
<th></th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Testing: Jest</td>
<td>340 - 67.2%</td>
</tr>
<tr>
<td>E2E testing: Cypress</td>
<td>253 - 50%</td>
</tr>
<tr>
<td>Unit testing: AVA</td>
<td>47 - 9.3%</td>
</tr>
<tr>
<td>Unit testing: WebDriver IO</td>
<td>41 - 8.1%</td>
</tr>
<tr>
<td>E2E testing: Nightwatch</td>
<td>24 - 4.7%</td>
</tr>
<tr>
<td>E2E testing: Playwright</td>
<td>18 - 3.6%</td>
</tr>
</tbody>
</table>
The vast majority of the starter kit requests are about being able to select Quasar Modes and App Extensions directly during the project creation process (especially testing harnesses and env files management).

Another popular request is to start off with some preset advanced GUI (login/register pages, user management, etc), followed closely by the ability to generate a project already integrated with a given backend (NestJS, Laravel, Firebase, etc) and add more connection modes (GraphQL).

Which starter kit options do you feel are missing to bootstrap you faster into actual coding?

167 answers

- “Allow for easy setup of typescript and of docker in the system.”
- “Choosing more pre-integrated frameworks at time of project creation, e.g. for testing, or authentication.”
- “GraphQL Option.”
- “Target browsers, .env location, color theme etc.”
- “Authentication and User Management UI Starter.”
- “Prebuild sample layouts.”
- “Better deployment process.”
- “Laravel auth and api integration.”
- “If I am going to use testing harnesses and/or extra Quasar modes, it would be really nice if I could be able to do all of it in a single step process rather than doing them externally after project setup.”
- “Adding Jest would be nice. Backend integration (like Nuxt).”
- “GraphQL Option.”
Projects & help

As is the case of money contribution, help provided to the ecosystem and community members has a low percentage. This is probably due to lack of time, but we are considering new guidelines to help people know how to contribute. Less time spent guessing what to do and more action.

In average, how often do you contribute to the Quasar ecosystem?

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Never</td>
<td>76.9%</td>
</tr>
<tr>
<td>Once a year</td>
<td>17.1%</td>
</tr>
<tr>
<td>At least once a day</td>
<td>0.7%</td>
</tr>
<tr>
<td>At least once a week</td>
<td>1.5%</td>
</tr>
<tr>
<td>At least once a month</td>
<td>3.8%</td>
</tr>
</tbody>
</table>

In average, how often do you engage in helping others in the Quasar community?

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Never</td>
<td>55.2%</td>
</tr>
<tr>
<td>A couple times a day</td>
<td>7.8%</td>
</tr>
<tr>
<td>A couple times a week</td>
<td>3%</td>
</tr>
<tr>
<td>Almost daily</td>
<td>2%</td>
</tr>
<tr>
<td>One</td>
<td>14.1%</td>
</tr>
<tr>
<td>Two</td>
<td>8%</td>
</tr>
<tr>
<td>Three-four</td>
<td>3.3%</td>
</tr>
<tr>
<td>Seven or more</td>
<td>1.6%</td>
</tr>
<tr>
<td>Other</td>
<td>0.3%</td>
</tr>
</tbody>
</table>

How many of your projects started in 2020 required support for IE11 or pre-Chromium Edge?

<table>
<thead>
<tr>
<th>Support Requirement</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>72.7%</td>
</tr>
<tr>
<td>One</td>
<td>14.1%</td>
</tr>
<tr>
<td>Two</td>
<td>8%</td>
</tr>
<tr>
<td>Three-four</td>
<td>3.3%</td>
</tr>
<tr>
<td>Seven or more</td>
<td>1.6%</td>
</tr>
<tr>
<td>Other</td>
<td>0.3%</td>
</tr>
</tbody>
</table>
Final conclusions
An overall look into Quasar

The Material UI library is one of the most important values brought by the framework and recognized by the community. Preserve it and make it even better is highly important.

Quasar community is made up for the most part of full stack developers working for companies, reaching nearly 50% of people with a Programming or Programming Sciences degree. The huge majority of users never funded Quasar. Freelancers seem to be more active but many times they do not have enough money to contribute. For companies there is an issue related to convincing management to contribute. Some users feel a sense of fear for a possible Quasar expiry.

The community is enthusiastic about the framework and this shows in their feedback, suggesting in various ways that Quasar is a technology way better than many competitors, but still under-communicated and needing a stronger marketing endeavor in order to make its qualities shine as they deserve.

The community concern about Quasar future is a main issue: no company trusts a technology that might vanish within some years while projects need a long run vision. The concern generates from the lack of information coming from the core team.

Quasar social networks and portals are underdeveloped due to lack of time or interest from the community but the scarce effort put into them until now can be proven as part of the issue and there is a need for better contents like tutorials, case studies and blog articles.

Vue3 support is in absolute the most requested feature, and the team already delivered on it, but this is counterbalanced by concerns about the upcoming migration, with most of the community asking for Vue2+Vue3 support. There are many requests for better tooling, especially when talking about typing.

Other notable major features requests are theme customization and advanced layout presets. While we were already aware of the former, we now have acknowledged the strong push for the latter too. Some features we thought were popular got less interest than expected, we’ll reevaluate our priorities based on these results.

There is a certain problem of features discoverability, since a noticeable number of requests were about already existing core components or first-party App Extensions.

We took notes on the community’s favourite tech stack and environment, we’ll use this data to enhance the documentation and Quasar CLI, especially projects creation options.

The community is eager for a more direct involvement in the project, we’re glad for this and plan to do so, like this survey proves. Taken note of these issues and opportunities the Quasar Core Team will put effort into providing the community with a plan aligned with its expectations and suited to both development pipeline and communications needs.
A taste of this amazing Community
“Quasar is amazing and is what motivated me to branch out from doing nothing but ASP.NET into areas like JavaScript development, PWA’s, and all that good stuff. For whatever reason, I failed to grok every other framework I tried (like Ionic, React, Framework7, etc.) But somehow, Quasar helped me understand Vue, and I never looked back. You guys opened up my development world. Thanks!”

“Keep updating i will donate for sure. I love Quasar.”

“Don’t stop Quasar, this survey scares me a bit for some reason :/”

“I hope help Quasar with my company this year, I will do my best to promote it in France... I use it since 3/4 years and for me, this is the best framework in place right now! thanks thanks thanks for all this awesome work!”

“I think that Quasar deserves more audience because its pure gold”

“Please stay free, it’s the best way to by a star :)”

“Keep being awesome. I’ll try to find some time to get out of my comfort zone and start supporting you guys more.”

“No other than to say thank you for such a great platform. I have been writing software since the later 1970’s and this is by far my best experience of turning ideas into applications. -:)”

“Really hope Quasar will last! I consider your framework as THE most complete and advanced framework in the community. And, I will start sponsoring your team very soon. (By end of 2020)”

“Congrat’s for Quasar. Big up guys. I’m quite new (8 months) into Quasar, but I feel that this is the best framework ever for all app devs.”

“I hope you all are doing fine in these strange days. Take care :)”

“Keep being awesome. I’ll try to find some time to get out of my comfort zone and start supporting you guys more.”

“Please stay free, it’s the best way to by a star :)”

“Keep up the amazing work, you guys rock!!!”

“I’ve been using Quasar for a few months and i already love it. Might consider contributing further in the future!”

“I just want to thank you for your work. I will try to support you as best I can, I realize that I am not participating enough.”

“Just want to give my thanks for your hard work. Quasar is the best clientside framework i have ever used.”

“Great Work to everyone that is involved with Quasar. I initially started using it because of cordova, you were the only one with actual support for it. Also, your helper classes are out of this world. Now, I would probably never change it. Keep up the good work :)”

“stay awesome and don’t feed the trolls.”

“Pad yourself the the back, this thing is amazing.”

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“This project is absolutely great. Sun is shining... wish you all the best. Do less, but make more.”

“Keep updating i will donate for sure. I love Quasar.”

“I think that Quasar deserves more audience because its pure gold”

“Great Work to everyone that is involved with Quasar. I initially started using it because of cordova, you were the only one with actual support for it. Also, your helper classes are out of this world. Now, I would probably never change it. Keep up the good work :)”

“Only to say thank you for the great work and I will definitely be sponsoring in the future.”

“Thanks for preparing this great survey, I hope this gets a good amount of participation.”

“No, other than to say thank you for such a great platform. I have been writing software since the later 1970’s and this is by far my best experience of turning ideas into applications. -:)”

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“Your’e doing AMAZING things!”

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“I just want to thank you for your work. I will try to support you as best I can, I realize that I am not participating enough.”

“I’ve been using Quasar for a few months and i already love it. Might consider contributing further in the future!”

“I just want to thank you for your work. I will try to support you as best I can, I realize that I am not participating enough.”
“I love the framework. Keep doing your thing. That last page got me thinking. I should try to find a way to contribute more to the community. I’ll give some thought to what that might look like for me.”

“I want to thank you and the whole framework support and maintenance team. I love the framework and truly do plan to contribute energy and finance when I am more able.”

“I think overall you have built an amazing product and community. I am very grateful for the work you all have done and it has been a staple platform I use to build my projects.”

“This is a phenomenal open source project with excellent documentation and (from my perspective) strong leadership intentionality. I have no additional feedback, only a big “thank you!””

“Thank you so much for this lovely platform. It’s amazing, intelligent, and beautiful.”

“Keep up the good work and keep up with the fight - Quasar is an excellent framework and I am rooting for you. All the best.”

“Keep up the good work, it’s been great to watch this project grow and hopefully it will get to a place where it’s sustainable to be working full time on it.”

“Nope, but I would like to thank the team for creating this INCREDIBLE framework. I’m still newbie in web development and working with Quasar has been a very pleasant experience. Will sure fund!”

“Thanks for the survey, looking forwards to see the new features and improvements!”

“Keep up the great work! I’m not sure if that’s ever a suggestion that you need XD”

“I appreciate the work you have done and the modest support I’ve received as a patreon member.”

“I want to thank you and the whole framework support and maintenance team. I love the framework and truly do plan to contribute energy and finance when I am more able.”

“Just thanks for hard work and give us the best vue framework, i love u <3 guys and i hope that you keep alive this amazing project!!. My blessings & cheers!!”

“Keep up the great work! I’m my opinion it’s one of the best (web) frameworks out there right now!”

“I think overall you have built an amazing product and community. I am very grateful for the work you all have done and it has been a staple platform I use to build my projects.”

“Keep up the good work and keep up with the fight - Quasar is an excellent framework and I am rooting for you. All the best.”

“Thank you very much for all the work you have done, but this is just beginning, incredible solutions are coming for Quasar.”

“We love you and your products”

“Just want to wish you a good luck, your really deserve it! I truly respect your work and I’m very grateful for this framework. Best regards”

“Thank you for making quasar :)”

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“Thank you very much for all the work you have done, but this is just beginning, incredible solutions are coming for Quasar.”
Thank you