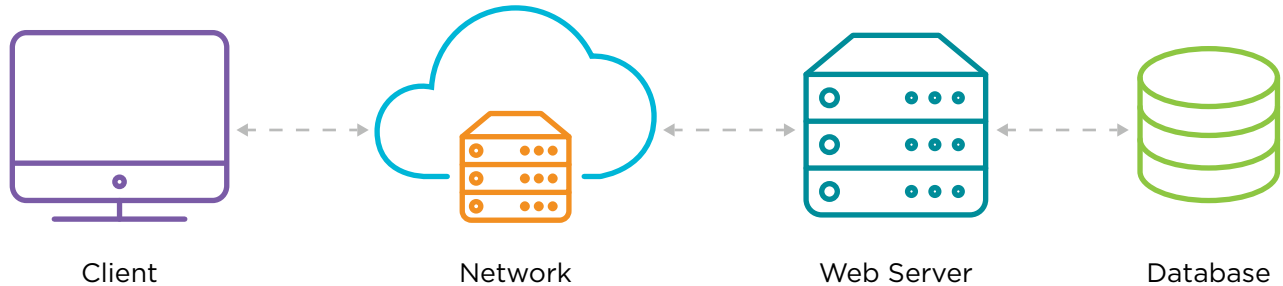


Bring frontend and backend monitoring together, from the start



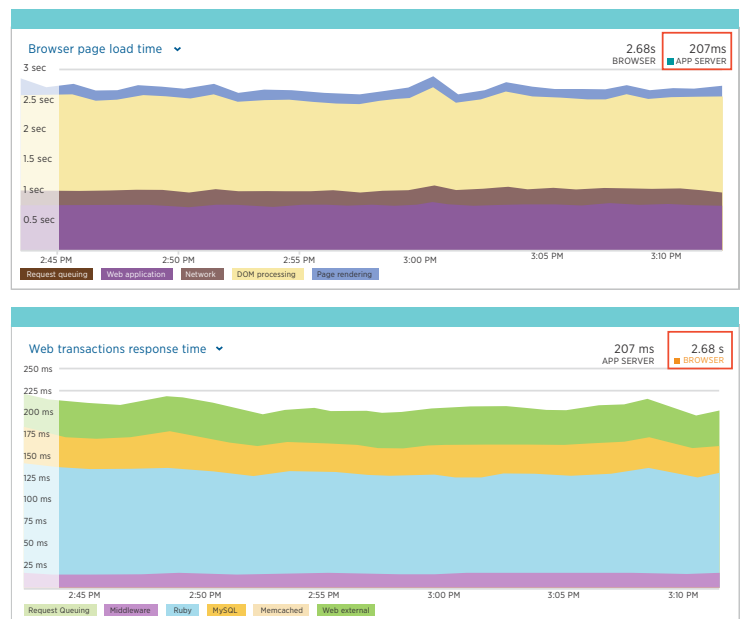
Understanding how your backend applications perform is traditionally the center of performance monitoring efforts. Response times, errors, and transactions are all essential elements you need to measure in order to keep your digital business open. However, performance monitoring can't stop there. In today's applications, more and more code is running on the client-side (browser) and performance monitoring needs to extend to the front end as well.

You need to see the full story to ensure a positive user experience. Everything from the first page load to the final click to complete their transaction counts. Here's how using New Relic APM and New Relic Browser together is designed to provide a powerful level of insight to help you improve front and backend performance.

Front to back with just a click

With just one click you can jump between time spent on the backend and time spent on the frontend. See quickly where time is being spent, what it's being spent on, and know where to fine tune.

Often the time being spent on the backend is only a small fraction of the time being spent on the frontend. Being able to see total time spent in your application and break that down between the multiple layers of your front and backend apps provides a holistic view of your app's performance.

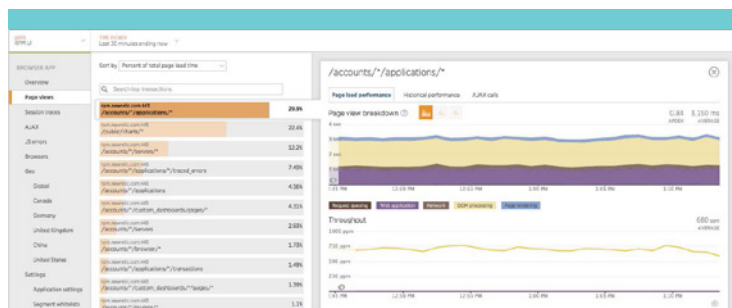


Overview dashboard for APM and Browser



Drill into page view and transaction details

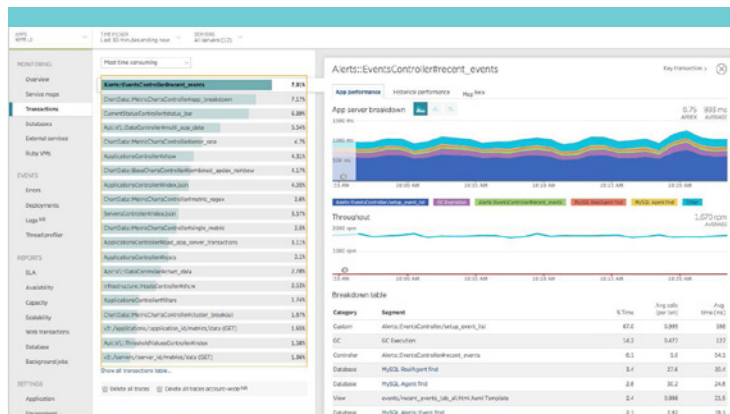
The Page Views feature provides a unique view into the performance of URLs your visitors land on. The ability to dive into each page view can provide insight into the breakdown of where time is being spent on a specific page, throughput for this page, and if performance issues are impacting your visitors' experience. Part of this breakdown is "web application" which represents time spent on the backend. If time spent in the web application is higher than it should be, jump over to New Relic APM and begin drilling into your back end transactions.



New Relic Browser Page Views

If you are focused solely on frontend apps and you notice your backend applications may be impacting performance, create a note and share it with your team alerting a backend developer to take a look at the web application that may be impacting performance.

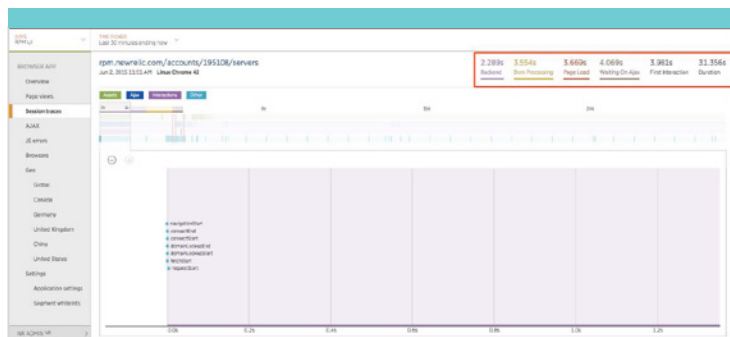
From here your backend developers can jump into specific web application transactions within New Relic APM to identify the problem areas related to the identified client-side application.



New Relic APM Transactions

See the full web page lifecycle

We think there's no better way to understand the performance of your application than to follow a user through their entire experience in your app and visualize where any bottlenecks occur--whether on the backend or frontend--all in one centralized waterfall timeline. Session traces paint a picture of where time is being spent, starting with the backend through dom processing, pageload, AJAX requests, and on to how the user interacts with your page. This is where you can really begin to understand your users' pain points and find a solution to fix it.



New Relic Browser Session Traces

Give this powerful duo a try

Both New Relic APM and New Relic Browser offer 14-day Pro trials. To find out more about how to get started, visit www.newrelic.com/products. It only takes a few minutes to sign up.