

Performance issue: xtheme is taking a long time to render #2189

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New issue

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Anonymous opened this issue on 22 May 2020 · 3 comments

Anonymous commented on 22 May 2020 · edited

When profiling shuup with a new profiling tool [PyLive](#) I find xtheme is taking a long time to render in both home page and product pages. In home page it takes over 90% for render() in xtheme/engine.py. In product pages, it takes over 60%.

I wonder if there is any potential optimization needed for xtheme rendering function.



tulimaki commented on 22 May 2020

Member

Hi @Anonymous,

We will take a look. Are you using latest version of Shuup?

Anonymous commented on 22 May 2020

Author

Yes. I'm using latest version.



chessbr commented on 26 May 2020

Member

Hello @Anonymous

When you say 90%, at first, it looks like a terrible thing. But it could be 90% of 0.01 sec which is mostly nothing. I already got similar results running Django Silk with profiler. Xtheme is responsible for almost all the response time of the page. If it gets loaded fast, it doesn't matter, but when the page takes more than 3 seconds, then things start to get weird.

Have you configured cache in your environment while running this profiler? Without the cache, Shuup will load several things from the database all the time. Try using Memory Cache first and then a second round of tests using Memcached/Redis.

As a next step, I would say that Shuup Front could be completely removed or refactored to be loaded from async requests, either REST API or loading Jinja content through Ajax. It would make the page load lightning fast and then you can cache some async requests as well or at least show loading spinners etc.

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Assignees

No one assigned

Labels

None yet

Projects

None yet

Milestone

No milestone

Linked pull requests

Successfully merging a pull request may close this issue.

None yet

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