XREBEL CASE STUDY

JOYTECH
COMPANY PROFILE

CEO: Rolf Schenk
Co-Owner: Ruth Fischer
Objectives: Builds awesome and easy-to-use social media software and applications.
Industries: Social Media, Transport, Banking, Insurance, Non-Profit
About JOYTECH GmbH

JOYTECH GmbH, was founded in 2002 by Rolf Schenk. They offer IT consulting, software development and Enterprise Architecture for a broad range of domains. JOYTECH GmbH is currently developing a new social platform which combines various social media aspects into one fun experience. They are committed to turn social media that is quite impersonal into a concrete social experience - for real life and for businesses.

Why do you use XRebel?

It helps me to detect issues right after code is tested for the first time in the browser.

Examples of issues found using XRebel

The n+1 detection is just awesome! I was aware that work needs to be done in this area for my project, but it was never easy to really stay on track with this.

Since the first time I configured XRebel a couple of days ago, I always keep XRebel up and running. It’s too easy and also fun to work with. In the first day it helped me solve critical n+1 issues and lower the session footprint by 15MB (caused by not carefully using Spring’s OpenEntityManagerInViewFiler)

It was quite a refactoring battle to solve both issues but without XRebel I would potentially have had larger issues in production.
Cost savings with XRebel

Cost savings are not so easy to quantify.

In the case that the issues I describe above would have gone to production it would easily compensate the license costs by factor 10 or more. Besides, now I have no stress to fix issues - those issues being in production it would have been a mess.

Other profilers vs. XRebel

I use YourKit and JProfiler but in a different fashion than XRebel: I typically use YourKit only in cases I measure bad performance on single requests or after stress testing. I am not aware that YourKit (I run the 2013 license) has similar “injection“-integration as I just learnt from XRebel. To me, how XRebel integrates and reports the main metrics is the game changer.

Letting XRebel collect the stats in dev-environment is not problem - at least I did not see a significant performance impact. Hence, buying an additional profiler license for XRebel seems more complementary to YourKit. On larger Heap-Walks and for Wait-Time profiling I would still prefer YourKit. As I just start using XRebel the time will show how much I will look back at YourKit. Chances are high, that I will use it less often as I will detect issues with XRebel much earlier and much more conveniently.

"Being more aware early of issues thanks to XRebel: priceless!"

ROLF SCHENK
CEO, Joytech