



CASE STUDY: Portaltech Reply

Improving SAP Hybris development with JRebel

INDUSTRY

Information technology
and services

APPLICATION

Improving the efficiency of
SAP Hybris development

WEBSITE

portaltech.reply.com

CHALLENGES

The build/redeploy process
is very time consuming, with
developers requiring about five
minutes per build, and three to
four minutes to restart

SOLUTION

JRebel has been made a
standard tool for all developers

RESULTS

- Developer productivity has increased, enabling high quality applications to be delivered on schedule
- Some developers now work with no restarts or only one full build per day
- The time saved ranges from hours to months per project, depending on project size

“As a leading SAP Hybris Partner, it is important for us to efficiently deliver the highest-quality solutions to our customers. Thanks to JRebel, we’re saving from hours to months depending on the project.”

FILIPPO MARIA DE ROSA, TECHNICAL ARCHITECT AT PORTALTECH REPLY

Portaltech Reply is a world leader in the implementation of the SAP Hybris commerce platform, having implemented most of the SAP Hybris-based technology projects in the UK. Depending on the client initiative, Portaltech Reply can have anywhere from four to 60 developers working on a project at any one time.

Portaltech Reply was first interested in testing JRebel because during development in Hybris, the build and redeploy times can be relatively long. According to Filippo Maria de Rosa, technical architect at Portaltech Reply, the company’s Hybris developers spend approximately five minutes for each build to complete, as well as three to four minutes to restart. In a standard workday, this can be a very time-consuming process.

The Portaltech Reply team undertook a free trial with JRebel and experienced positive results.

Enter JRebel

JRebel is a JVM plugin that speeds up the development of Java applications by skipping the time-consuming rebuild and redeploy process that Hybris developers run to see the effect of their code changes. JRebel makes developers more productive since they can view code changes in real time, while preserving application state.

The key benefits of JRebel for Hybris developers include:

- **More development, faster.**
Developers can stop waiting for the build and redeploy steps to make code changes.
- **Streamlining the development process.**
JRebel helps developers keep their tempo and focus by eliminating the downtime spent waiting for application builds and redeploys.
- **Maintaining application state.**
JRebel helps developers avoid the time spent reproducing the pre-change application state after a redeploy.

JRebel improves developer productivity, saving anywhere from hours to months per project

Based on the positive results from the trial, Portaltech Reply has made JRebel a standard tool for all developers. The company monitors usage to ensure that developers are working as productively as possible. Portaltech Reply reports an improvement in developer productivity of hours or even months per project. Clearly, this depends on the number of times that a test and redeploy are required. The company reports that some developers can now work with no restarts or only one full build per day.

Below is a snapshot of the results achieved across a sample of Portaltech Reply client projects:

Portaltech Reply projects	Time saved <i>per developer</i> in a single month
Project Em	199 minutes
Project Ea	233 minutes
Project Ht	130 minutes

For one of their client projects (Ea), this equated to 105 hours in productivity savings across the project in a single month.

About Portaltech Reply Ltd.

Portaltech Reply delivers end-to-end commerce solutions to a global client base, with infrastructure operations and managed hosting in the Cloud. Portaltech Reply offers consulting, multi-channel platform implementation, integration, mobile and digital design, SaaS and on-premise warehouse management, proximity marketing and mobile payments.

100% dedicated to SAP Hybris, Portaltech Reply is an SAP Hybris Platinum Elite Partner and has been named “Global Partner of the Year” three times.