



Java made with z Systems

DATEV migrated their distributed Java to their z Systems box. Now their application runs 5 times faster, allowing them to provide a market leading tax service to their customers.
ibm.com/zsystems

Made with IBM



IN THE BEGINNING

DATEV were switching to an AIX box to use an independent and commonly used Java-based business rule authorization service. This service then went back to DB2 on z to collect the data.

These system switches between AIX and z cost a lot of time and throughput.



THE BIG IDEA

IBM suggested that DATEV run their Java-based service on z Systems to simplify the environments and optimize throughput.

DATEV's mainframe team were open to the idea, but needed to convince their distributed colleagues.



TAKING ACTION

IBM SWG Services worked with DATEV on a POC to demonstrate that running Java on z would help.

The Java-based service was migrated to z/OS without any changes to the business logic itself.

The migrated service was tested on z/OS, where it benefited from co-location of CICS and DB2 for database application calls.



RESULT!

The migration was considered a complete success!

Only minor framework changes were necessary, and DATEV achieved up to 5x the throughput and a much more manageable environment.

DATEV are so happy with the outcome that further projects are being considered to migrate Java to the mainframe.

In a sentence? Porting Java from distributed to mainframe can save you unnecessary switches, and it's simpler than you might think!