## Solution:

As a countermeasure to this unwanted behavior, test results data needs to be extracted and saved before Jenkins has the chance to overwrite the xml result files.

Simply put, when a Jenkins Job finishes executing a Nunit test (within a build), it triggers another Job that calls one of the two tools we created, and asks them to go fetch the test results data from the finished job. The two tools are a Jenkins plugin that works internally, and a Restful web service that exposes a PUT method, only providing the finished job’s URL.

Not only do these tools extract data out of xml files, but they also gather every available data concerning the build itself. This way we have a more global view over build/test statistics.

We then store the data in a centralized database that fuels a QlikView dashboard we also created.