



FinTech Accelerator Proof of Concept

Experimentus - visualising key metrics for programme, project and test managers

Background

The Bank of England's FinTech Accelerator works with innovative firms and new technologies. This note describes a project between Experimentus and the Bank's Technology test quality and enterprise release management team spanning four weeks.

We ran a Proof of Concept (PoC) with Experimentus, using their Test ORB product, on different historic Bank of England projects to show how they had performed against a range of standard Key Performance Indicators (KPIs), e.g. percentage of tests passed and percentage of defects closed. The purpose of the Test ORB was to allow internal stakeholders quick and easy access to essential KPIs and other project data including test progress, defect analysis, leakage, test effort and risks allowing us to better streamline processes and understand dependencies between and across projects. The product collected data from different applications and generated a visual representation of the status of projects, viewable from a number of different perspectives,

The Proof of Concept

Experimentus were given access to data held in different repositories for a number of different historic projects. These data were then fed into the Test ORB and presented back to users providing a visual representation of the data, including a clear indication of end states and the KPIs used to inform the decisions. This enabled a consistent view of project progress, an important input to conclusions on process improvement and/or other recovery actions.

Reflections and next steps

The principal benefit was the ability to discover whether our existing test data were sufficient to meet the needs of effective KPI reporting, and where further data collection might be required. It also helped demonstrate the 'art of the possible' in terms of data visualisation, including details of progress status and testing quality. We will be using what we have found to make improvements to the information we collect to enable us to present better, more holistic test KPIs.