



Test improvement planning

The objective of the Test Improvement Planning service is to assess the applied test process and create an improvement plan.

Professional software testing gives the organization a possibility to internal risk management. It brings visibility to software projects and provides answers to the following questions:

- At which stage the software development project really is?
- How many errors have been found and how many can still be expected?
- What is the coverage of testing against the requirements?
- What is the deployment readiness of the software?
- What is the real quality level of the software?

Service Description

In the beginning of the service the current state of the customer's test process is evaluated. Based on the results, a project plan is set up for achieving chosen objectives and for implementing and maintaining development objects. The test process is evaluated as part of the customer's software development process and quality assurance strategy. The service covers the following key areas:

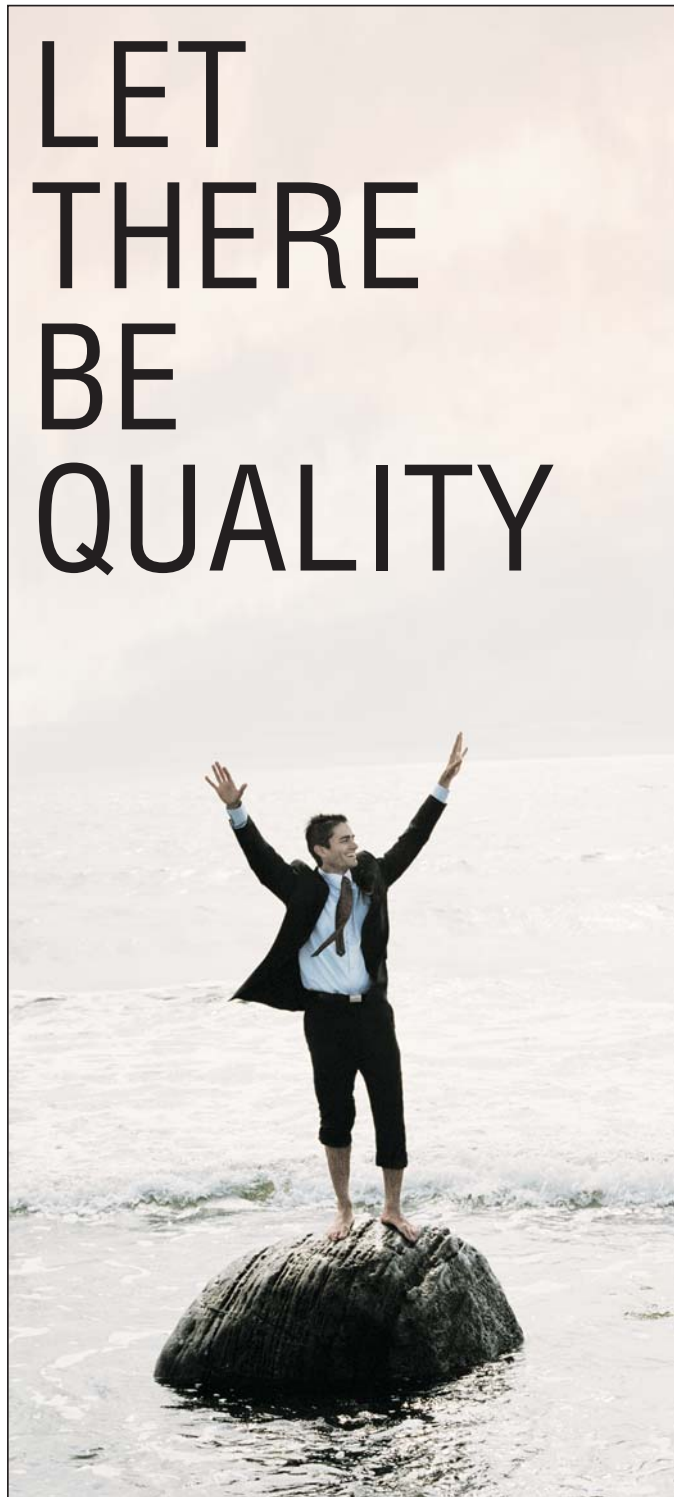
Basis and definition – Definition of objectives for development work and requirements for the objectives. Definition of objects for evaluation and development of the current state.

Evaluation of the current state – Gathering information of the customer's software development process as a whole, the test processes, as well as project level practices and deviations. At the same time, the current state and the current development objects are evaluated.

Definition of targets for development – Definition of the concrete targets for development based on the results of the evaluation of the current state.

Development objects are prioritized according to their interdependencies and cost-benefit ratio. Finding answers for example to the following questions:

- Which testing sub-area should be developed to quickly achieve the best benefit?
- Will automation improve cost-efficiency?



LET THERE BE QUALITY

- How the efficiency of different sub-areas of testing, such as reviews, test planning, design and execution, can be increased?

Progress plan – Drawing up a plan to implement defined objectives and to deploy the results. Planning of monitoring and further development of the results of the implementation.



Service Benefits

Independent view of the actual situation – An external quality assurance specialist can evaluate appropriate development actions and notice inefficiencies that might have been overlooked inside the company.

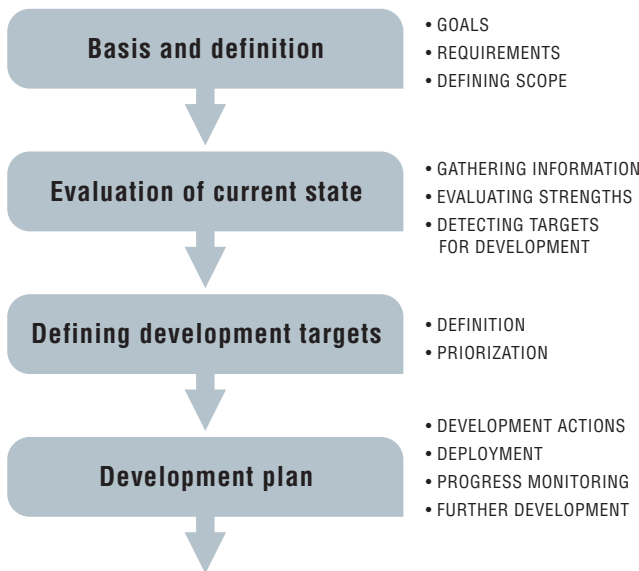
Professional insight – The professional’s insight, backed up by vast experience in the quality assurance field, allows a reliable and valid estimation of the measures required to strengthen the testing process as a part of total quality assurance.

Effective implementation – As a result of the service, the company receives a concrete development plan, which enables an effective monitoring of the progress and the service’s effects in practice.

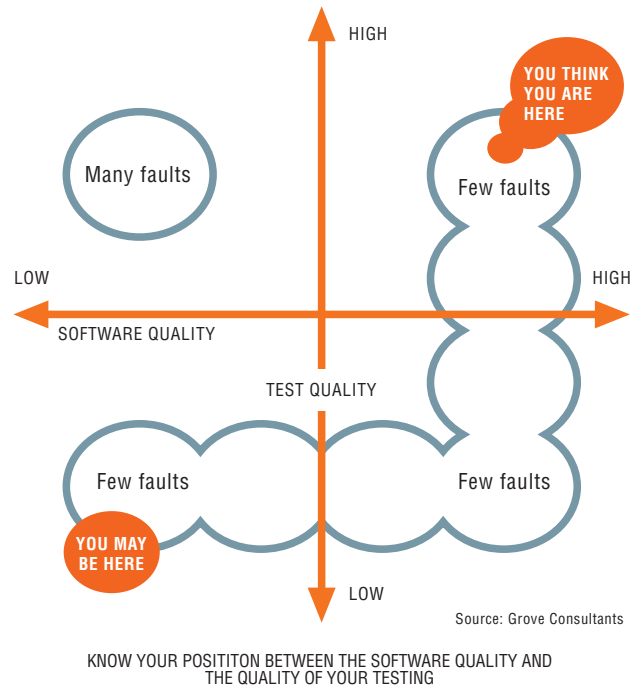
Benefits of Effective Testing

The objective of the Test Improvement Planning is effective testing. An optimized test process aims for instance at:

- Planning and preparing testing as early as possible to prevent design errors and their implementation.
- Ensuring that a relevant test order is applied, so that testing focuses on essential sub-areas.
- Ensuring that corrective actions and re-testing take place as soon as possible to achieve cost-efficiency.
- Predicting the quality level of the software on the basis of tests performed. This adds to control and transparency of the software’s actual situation.



THE WORKFLOW OF TEST IMPROVEMENT PLANNING SERVICE



Qentinel

Qentinel is a leading Finnish provider of software quality assurance services. We help our customers in software quality assurance and testing, ranging from test planning and management to implementation and automation of testing. Our customers are organizations for whom the quality of their software and IT systems is an important success factor.

For further information on our services, please visit our web site.

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