

Execution of Experimentation



Entries

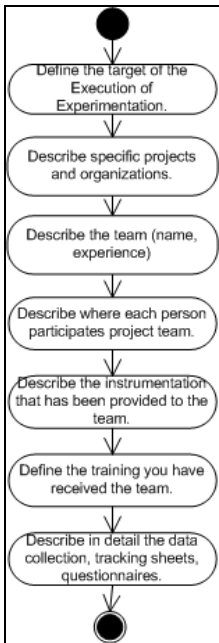
- Experimentation Planning Document
 - ◆ Can it be used configuration management?: **Yes**

Exit

- Example
 - ◆ Can it be used configuration management?: **Yes**

Solution

Process



Development time

- ◆ To acquire the necessary knowledge to develop the software product: 10 days
- ◆ To create the Product Pattern: 3 hours
- ◆ To apply the Product Pattern: It depends on the characteristics of the experiment.

Explanatory Video

- ◆ Not applicable

Related Patternss

- Data Analysis of Experimentation by Contrast Hypothesis
- Data Analysis Between Two Variables Using Correlation Technique
- Experimentation Planning

Quality Controllers

- None

Templates

- None

Examples

- None

Support Tools

- Word processor ([Microsoft Word](#), [Apple Pages](#), [OpenOffice Writer](#), [Google Docs](#))

Initial Context

It is desired to start the executing experimentation.

Result Contextt

A document describing the execution of experimentation for a project is obtained.

Problem

The document "Execution of Experimentation" is used to describe the way in which you must carry the execution of an experiment.

Restrictions (*Forces*)

- **Type of Organization:** Research Centers, Universities, SMEs, Large Companies.

Roles

- Project Manager
- Researcher
- Student

Lessons Learned

- None

Capability Level

- Not applicable

Basic Knowledge and Skills


Knowledge

- Notions of statistics.

Abilities

- Capacity of abstraction.
- Capacity of Analysis.

Information Resources

- Jedlitschka, A., Pfahl, D..(2005).  [Reporting Experiments in Software Engineering](#). ISERN-REPORT-06-01. Fraunhofer Institute for Experimental Software Engineering.
 - Juristo, N., Moreno, M.A. (2001). [Basics of Software Engineering Experimentation](#). Springer.
 - Raposo, F. Experimentation in Software Engineering: *An Introduction* <http://www.rise.com.br>
 - Wohlin, C., Runeson, P., Höst, M., Ohlsson, M.C., Regnell, B., Wesslén, A. (2000). *Experimentation in Software Engineering: An Introduction*. Springer
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