



Professional Services

Source Code Analysis



Source Code Analysis

Nohau Professional Services

Overview

This technical workshop will help your team to get an overview of the quality of your software and identify areas of improvements.

The areas of application are:

- Assess the quality level of your software products.
- Assess the quality of code provided by sub-contractors.

Preliminary content and deliverables

2-3 days consulting service in analysis of code written in C, C++ or Java.

- Report of critical defects in the code.
- Report of relevant software complexity metrics (e.g. maintainability index) to help identify areas of risk. Assessment of the high level architecture with a report of suggested improvements (pre-factoring).



Software Architecture Reconstruction and Code Refactoring

Nohau Professional Services

Overview

Workshop aimed at the reconstruction of the high level architecture of a system and refactoring.

The areas of application are:

- Reconstruction from source code the high level view of the static architecture.
- Identify reusable software components.
- Refactoring to reduce code size, compiler time or to simplify testing
- Assessment of the effort to port the code to a new platform (e.g.: from Windows to Linux).
- Assist in the planning of the refactoring task.
- Get an understanding of third party software (software acquisition).

This service can be extended to provide assistance during the refactoring

- Coaching the team and project leader during the refactoring tasks
- Monitoring the refactoring task to ensure low risk and maintaining software quality.

Preliminary content and deliverables

2-3 days consulting covering specific areas to improve software maintainability, and re-usability of code written in C, C++ or Java.

- UML representation of the high level view of the static architecture: list of components, its interfaces and interdependencies

Task list for a specific refactoring task, such as: code reuse, code reduction or porting. Refactoring project plan.



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About Nohau

Founded in 1981, Nohau is an independent experienced process and solution specialist who understands the evolution of the Software Delivery and understands the different processes needed to meet that evolution.

The prime target for Nohau is to make the customers software team more efficient, effective, innovative and prepare for the business evolution of the market. Nohau have enabled over 3000 organisations to shorten development time and improve software quality through proven solutions of tools, training and process support.

Nohau are represented all over the Nordic market with offices in Sweden, Denmark, Finland and Norway.

More about Nohau: www.nohau.se

Contact

Nohau Professional Services

+46 40 59 22 00, info@nohau.se

Nohau are represented all over the Nordic market with offices in Sweden, Denmark, Finland and Norway. Head office are located in Malmö, Sweden.

Nohau Danmark A/S

Klausdalsbrovej 493
DK-2730, Herlev Denmark
phone: +45 44 52 16 50
fax: +45 44 52 16 55
www.nohau.dk

Nohau Finland

Teknobulevardi 3-5
FI-01531 Vantaa Finland
phone: +358 9 46 71 22 136
fax: +358 9 25 17 81 01
www.nohau.fi

Nohau Norge

Skøyenåsveien 5D
NO-0686 Oslo, Norge
phone: +47 92 44 22 09
fax: +47 92 44 22 09
www.nohau.no

NOHAU

Nohau Solutions AB

Box 1030
SE-212 10 Malmö Sweden
phone: +46 40 59 22 00
fax: +46 40 59 22 29
www.nohau.se