

WORKSHOP

TRAINING

Subversion Workshop: Apache™ Subversion® Hook Script Coding

Effective and efficient development of Subversion hook scripts

Subversion hook scripts allow for smooth integration of Subversion into existing infrastructure and development processes. They ensure the communication between Subversion and other software systems, distribute real time notifications about the events in Subversion repositories, and enforce conformance with coding and quality standards.

Goals:

- ✓ Autonomously design and implement hook scripts in random programming languages
- ✓ Learn scalable hook script management with several servers and repositories

Contents:

- Theoretical Introduction:
Subversion Server function, repository structure, hook script basics

Lab Manual with hands-on exercises

Introduction

- Special characters warning
- Prerequisites
- Install Subversion

Background information

- Hook execution
- Available hooks

Simple hook scripts

- Freeze a repository
- Allow changing commit log messages
- Auto-update on commit

Hook script management

- Versioned hook scripts
- Staged release process
- Rollback procedure
- Hook output logging
- Repository-specific behaviour
- ON/OFF switches for hooks

Off-the-shelf hook scripts

- Path-based commit control
- Commit-log mails

Intelligent hooks

- Hook toolbox
- Log message validation
- Path sensitive post-commit
- Safe svnsync mirrors

Format:

Hands-on workshop

Duration:

1 day

Target Audience:

Subversion administrators,
developer

Prerequisites:

Basic Subversion and UNIX
knowledge

On-site Training:

Our training services can also be delivered
at your premises and tailored to your
requirements.

This training offer takes place in cooperation with our partner elego.

www.elegosoft.com

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