

Special Event

Integrate Usability in Software Development Lifecycles

Referent: Silvia Zimmermann
Director Usability Professionals' Association

Abstract

Usability is increasingly being acknowledged as one the most important quality factors of interactive systems, including GUI-applications, websites, mobile interfaces and any other interactive system incorporating human-computer interaction. Usability as specified by ISO 9241 is the extent to which a product can be used by specified users to achieve specified goals in a specified context of use with effectiveness, efficiency and subjective satisfaction.

Contrasting to common best practise RE-methods which include usability and human related requirements in their templates (e.g. Atlantic Systems Guild Limited) as part of their non-functional requirements, usability has from a human cognition point of view a much more influential role in so called User Centred Requirements Engineering processes.

To highlight the differences between documented RE-non-functional usability requirements and current best-practises in usability, this 60 minutes presentation describes the various methods currently in use to test the usability of interactive systems during the software development process. Such methods include, but are not limited to prototype user testing, lab user testing, eyetracking and attention tracking methods. In addition, the presentation provides practical insights into the various phases of usability testing, from the early initiation phase to test reporting based on ISO 25062 "Common Industry Format for Usability Test Reports". It answers questions such as:

- o How to best integrate usability in existing software development lifecycles?
- o How to best test usability during different software development phases?
- o Is usability really cost effective?

Referent



Silvia Zimmermann is founder and Managing Director of Usability.ch. She originally studied psychology and computer science to become an active member of the human-computer-interaction society. She has more than 15 years of in-depth, practical experience in both usability and user centred design.

Silvia Zimmermann is Director of the Usability Professionals' Association (UPA), headquartered in Chicago, USA. She is founder and board member of the Swiss UPA, the local Swiss Chapter of the UPA.



Date

Durchführung **Dienstag, 23. Oktober 2007**
Dauer 17:30 bis 19:00 Uhr
Kursort Fachhochschule Nordwestschweiz
Hochschule für Technik
Klosterzelgstrasse 2, 5210 Windisch
Audimax (Raum 1.047)
Kosten Der Vortrag ist kostenlos statt
Sprache Deutsch

Registration

Ich komme zum Vortrag am 23.10.2007

Name, Vorname

Firma

Strasse

PLZ/Ort

Wie haben Sie von uns erfahren?

oder mailto: info@swen-network.ch
Telefon 041 349 33 66
Telefax 041 349 39 66

Sponsored by



SWEN-Mitgliedschaft

SWEN ist ein gemeinnütziger Verein.

Mitglieder von SWEN können sein

Bildungs-, Forschungs-, Dienstleistungsinstitutionen, Unternehmen, Verbände, Organisationen und Privatpersonen.

Mitgliederbeitrag

Jahresbeitrag: 120.00 CHF für Einzelmitgliedschaft

Ja, ich möchte SWEN-Mitglied werden

Der gemeinnützige Verein SWEN ist die ideale Verbindung aus (Fach)Hochschul-Fachkräften im Informatikumfeld und routinierten Partnern aus Industrie und Wirtschaft. Damit integriert SWEN das Software Engineering Know how in der Schweiz und bildet für Sie die Ansprechstelle für Fragestellungen im Umfeld des Software Engineerings.