**專 題 演 講**

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題目： Introduction to GUI Testing

摘要：

Testing the Graphical User Interface (GUI) of software applications, called GUI testing, is an important part of the software development process. In general, to validate whether an application under test (AUT) is of high quality and meets the acceptance criteria, an acceptance testing is conducted through the GUI of the AUT, which can be either a Windows, smartphone, or web-based application. Therefore, GUI testing is important to the developers and testers, as well as the customers. This talk introduces the concepts and methods that are used in automated GUI testing, including its definition, examples, test cases, difficulties, and constraints. In addition, a few GUI testing tools and methods are discussed.

簡歷:

Woei-Kae Chen received the M.S. and Ph.D. degrees in computer engineering from North Carolina State University, Raleigh, in 1988 and 1991, respectively. He is currently a Professor in the Department of Computer Science and Information Engineering and Director of the Software Development Research Center at the National Taipei University of Technology, Taiwan. He teaches object-oriented programming (OOP), OOP Laboratory, Windows Programming and Object-Oriented Analysis and Design. His research interests include GUI testing, visual programming, and distributed computing.