

Introduction to Software Testing

Software Testing - Module 1 – Part 1



The Software Engineering Context

Software Testing – Module 1



MÄLARDALEN UNIVERSITY
SWEDEN

SWEDISH
ICT

SICS

>PROMPT



Software Engineering Context



Software Engineering Context





Software Engineering Context





Software Engineering Context



REQUIREMENTS
SPECIFICATION

DEPLOYMENT

HIGH-LEVEL
DESIGN

SYSTEM TEST

LOW-LEVEL
DESIGN

INTEGRATION TEST

UNIT TEST

IMPLEMENTATION



Software Engineering Context



REQUIREMENTS
SPECIFICATION

DEPLOYMENT

HIGH-LEVEL
DESIGN

SYSTEM TEST

LOW-LEVEL
DESIGN

INTEGRATION TEST

IMPLEMENTATION

EFFICIENCY:
The amount of
resources needed to
go from *idea* to *product*





Software Engineering Context



=



REQUIREMENTS
SPECIFICATION

DEPLOYMENT

HIGH-LEVEL
DESIGN

EFFECTIVENESS:
The extent to which the
product matches the *idea*

SYSTEM TEST

INTEGRATION TEST

LOW-LEVEL
DESIGN

UNIT TEST

IMPLEMENTATION