

SDEVEN Software Development & Engineering Methodology

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System Software Testing (SDEVEN.25-SYTEST)

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Preliminaries

The testing is one of the most important activity in software development as long as a piece of software is NOT written for own purposes.

Why

The testing may *assure* you that a piece of software do what was intended to do. This is "one face" but testing must also assure the *owner* of the software for the same things. And finally must assure the *end users* (generally the customer) for same things, sometimes more things.

When

The testing should be done first "internally" (ie, not in the presence of customer's people). Then some more complex, elaborated tests should be done in the customer presence (for customer confidence).

Vocabulary

The testing process will involve some specific terms and concepts like: *compliance*, *bug*, *acceptable*, *workaround solution*, ... These terms are not necessarily new terms but they will make more sense, will get a more clear meaning "if are seen" from testing perspective.

Test types



- -#TODO ideas ref section ref **Test types**:
 - unit,
 - functional
 - integration

Test deliverables



- -#TODO ideas ref section ref **Test deliverables**:
 - planning ==> Test Plan tml
 - scenarios ==> Test Scenario tml

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