



AGILE INSPECTION

A one-day hands-on workshop (bring your own documents)

Experience for yourself how the most powerful aspects of Inspection can be applied to dramatically increase the quality of your documents in a short time. Agile Inspection focuses on the most effective aspects of Inspection, as applied in individual work products. Using the insights gained on this workshop you will be able to produce better documents more quickly and be more effective at reviewing/Inspecting any document.

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Workshop Objectives

The objectives of this 1 day workshop are for the delegates to:

- understand the concepts of Agile Inspection compared to other types of review
- have demonstrated the effectiveness and efficiency of this technique on their own documents
- understand the importance of Rules, quantified exit criteria, and the optimum checking rate
- be a competent Inspector
- be able to see where to apply this technique for greatest benefit.

Who Will Benefit?

This workshop is for those who want to see dramatic improvements in their documents, without a massive overhead of bureaucracy. It is suitable for anyone who produces written documents or code, for example managers, developers, testers, analysts, etc.

Prerequisites

None. Delegates should be prepared to work hard, make decisions about the impact of defects found, and estimate savings.

Workshop Outline

The workshop introduces the minimal concepts needed to understand how to get started. Attendees then apply this to their own documents (brought to the workshop).

At the end of this workshop, delegates will be able to use Agile Inspection to measure and improve the quality of their documents or code.

Skills Gained

- How to check documents against a few simple but powerful Rules
- How to identify major defects that may have serious impacts later on
- How to calculate defect density levels, and apply quantified exit criteria

Why and what?

The most serious problems in a project can often be traced back to documents that are

- ambiguous
- incomplete
- inconsistent
- unclear
- difficult to understand

This can be very expensive - misunderstood requirements can cost thousands in rework and retesting.

Inspection, the most powerful type of review, can remove these problems very early and very cheaply.

But “full-blown” Inspection may be “over-kill”, especially for agile projects. How can you get the benefits of a proven effective technique in an economical way?

This agile approach takes the essential and most critical aspects of Inspection, applying them immediately and flexibly.

The Practical Work

A document (“What to bring”) gives guidance about what documents to bring to the workshop in order to get the greatest benefit from it.

Previous delegates have told us that this makes the workshop more “real” to them, so they can see how to use the technique afterwards.

Workshop Content

Introduction

Inspection overview, other types of review.

Agile elements

- Rules to find major issues quickly
- major defects – what to look for
- sampling and measuring quality to improve
- deep checking for effectiveness

Practical work: 30 to 60 minutes checking documents against Rules.

· how to organise a logging meeting to maximise value and minimise time spent

Practical work: Hold a logging meeting (15 mins) and assess.

Analysis of results

Practical work: calculate defect density for Inspected documents, and check against exit criteria.

Achieving benefits in practice

Additional elements of Inspection that may be relevant are outlined, including source documents and Leader responsibilities.

Advice is given about implementing the technique – how to select elements of Inspection get the best return on time spent, particularly relevant to agile environments.

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