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#### Terminology

#### Inspection

- = Software Inspection = Formal Inspection
- = "Fagan Style" Inspection

#### Contrast with

- Reviews
- Walk-Through
- Peer Desk Check



#### Goals of Inspections

- Find defects
- Collect data
- Archive data
- Use data
- Learn













#### Summary of key differences

- Management invited as inspector
- Data for planning not available
- Skip product overview
- Suggestions allowed
- Omission collecting preparation time
- No defect profiles available
- Strong bias to re-examine after rework by another team member (Peer Desk Check)





#### Agenda

- Audience Project Terminology
- What the team did
- Results and data
- Benefits, pitfalls and how to
- Conclusions



#### Summary Data

Scripts inspected: 17

LOC inspected : 12,949

Defects found: 544

Time invested: 75 hours



#### Derived data

Defect density: 42 Defects/KLOC

Inspection rate: 173 LOC/hour

Defect find rate: 7 Defects/hour

Severity type	Quantity	Percent of total
High	15	2.8%
Medium	209	38.4%
Low	320	58.8%
Total	544	100%





















# Agenda

- Audience Project Terminology
- What the team did
- Results and data
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#### Conclusions

Test scripts can be inspected

- Share your results
  - Other testers
  - Developers
- Useful as a learning tool
- Avoid unrealistic expectations
- Train evaluate retrain evaluate …

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## Thank you for your time.

## **Questions please**

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