

spatial dimension
AN MS GROUP BUSINESS



The Role of Quality Assurance at Spatial Dimension

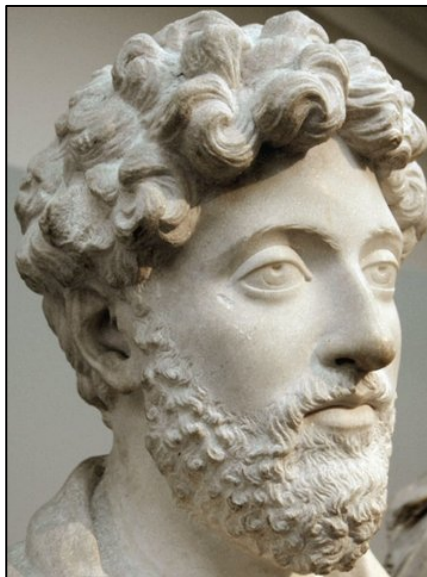
Rob Rademeyer

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Quality Assurance – The Beginning

Caveat emptor!



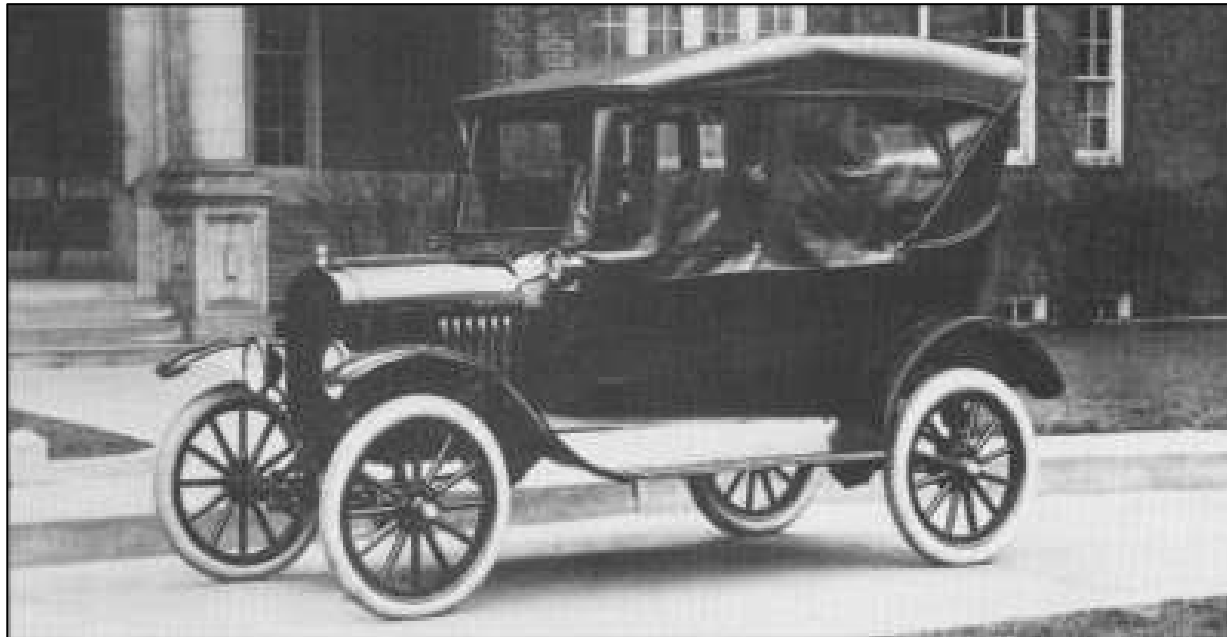
Quality Assurance – Description



Quality Assurance versus Quality Control

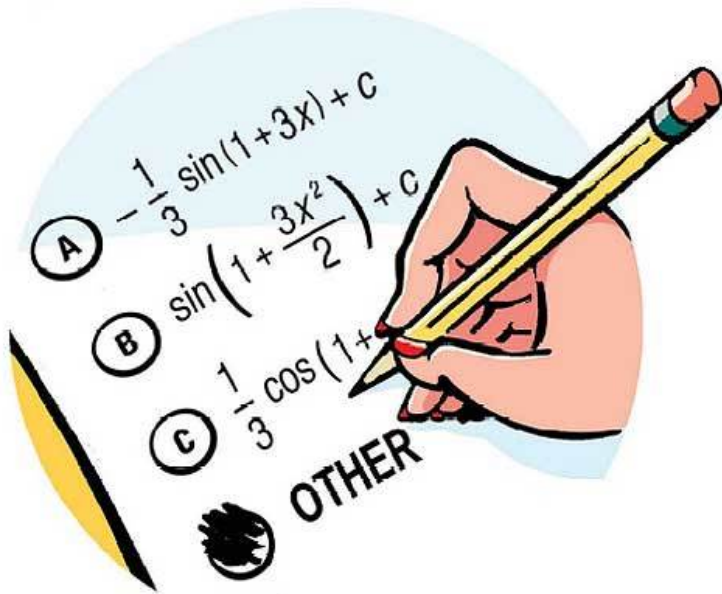


Quality Assurance – Basic Model



...in black only...

Quality Assurance – Science or Art



or



Quality Assurance – Quality Control Methods



Quality Assurance – Software Testing



Quality Assurance – Testing Topics



Quality Assurance – Testing Methods



versus



Quality Assurance – Testing Process



Quality Assurance – Finding Faults

		Time Detected				
		Requirements	Architecture	Construction	System Test	Post-Release
Time Introduced	Requirements	1×	3×	5–10×	10×	10–100×
	Architecture	-	1×	10×	15×	25–100×
	Construction	-	-	1×	10×	10–25×

Quality Assurance – Test Cycle



Quality Assurance- Standards



**The
International
Prototype
Kilogram**

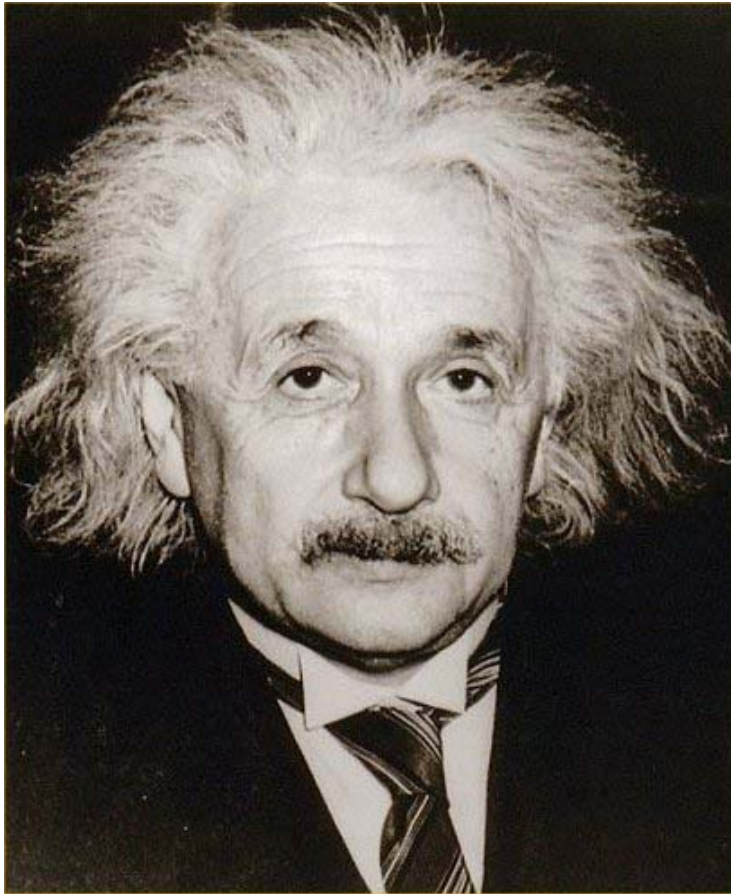
Quality Assurance – SD Aims & Objectives



Quality Assurance – SD Processes

$$a \longrightarrow A \longrightarrow \mathcal{A}$$

Quality Assurance – SD Testers



Albert Einstein

(14 March 1879 – 18 April 1955)

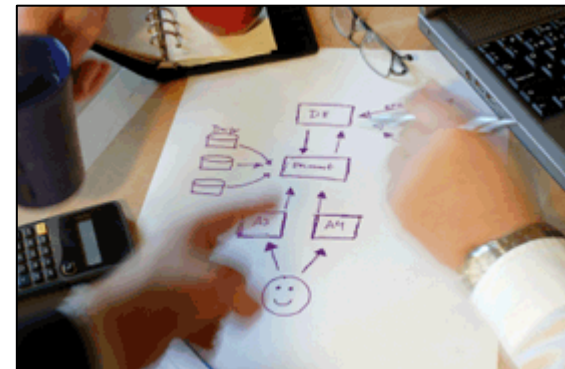
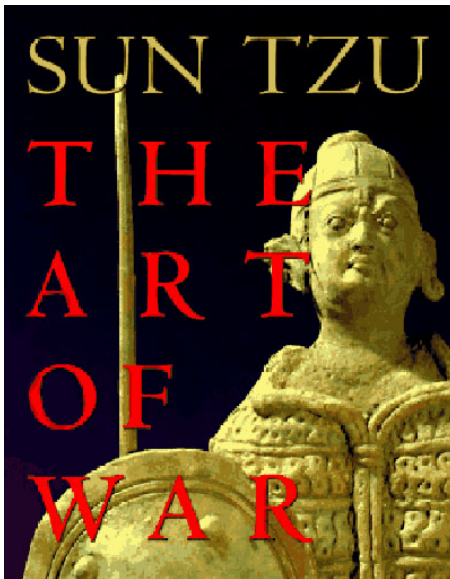
Quality Assurance – SD Dev Strategy



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Responding to change over following a plan...

Quality Assurance – SD Test Strategy



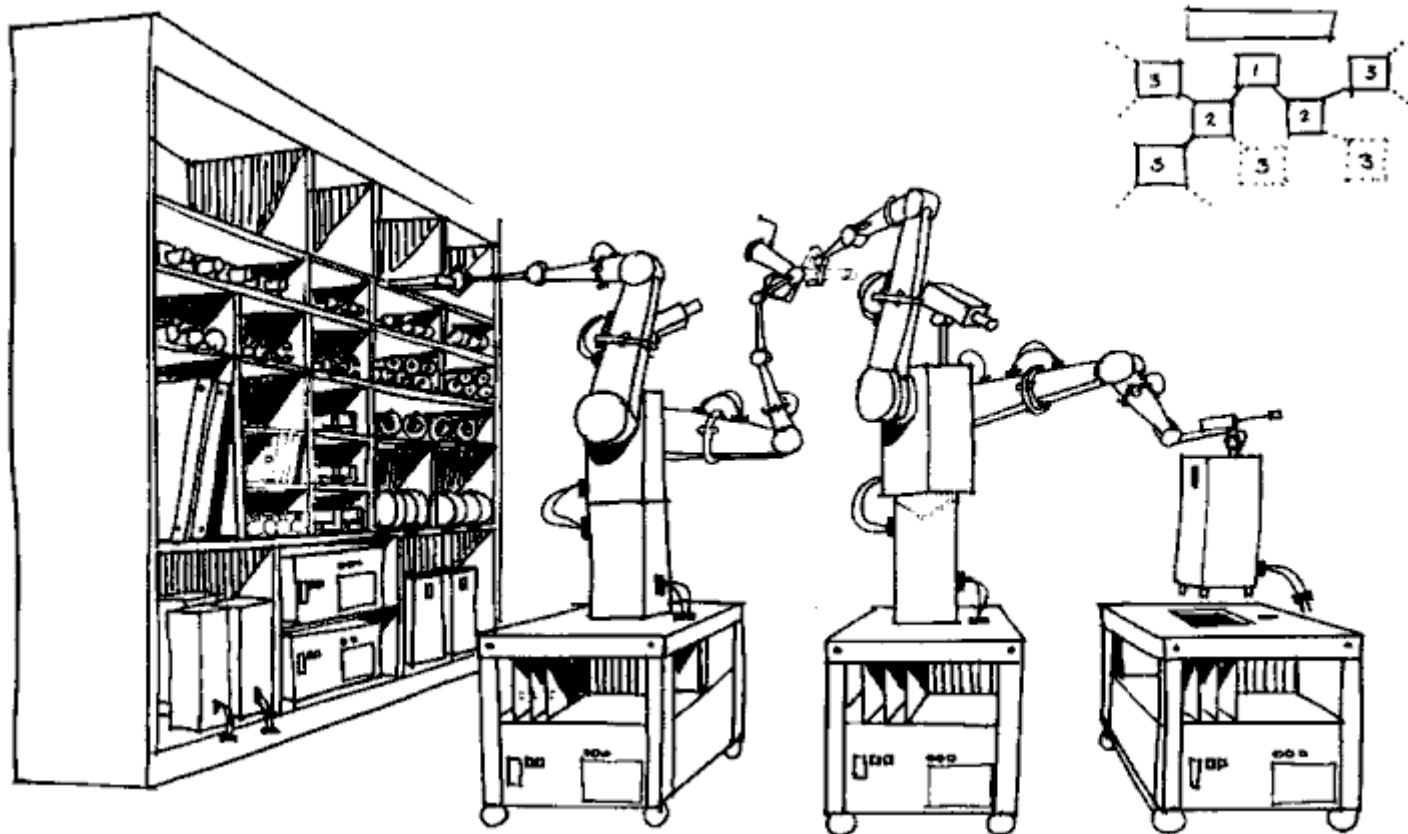
Quality Assurance – SD Challenges



Quality Assurance – SD Environment



Quality Assurance – SD Automation



Quality Assurance - Controversies



Rosa Louise McCauley Parks

(4 February 1913 – 24 October 2005)

Quality Assurance – Conclusion

