22-23 Oct 2007

Niels Malotaux

Reviews & Inspections

N R Malotaux - Consultancy The Netherlands +31-30-2288868 +31-30-2288869 niels@malotaux.nl www.malotaux.nl/nrm/English

Niels Malotaux

Niels Malotaux is an independent Project Coach specializing in optimizing project performance. He has over 30 years experience in designing hardware and software systems, at Delft University, in the Dutch Army, at Philips Electronics and 20 years leading his own systems design company. Since 1998 he devotes his expertise to helping projects to deliver Quality On Time: delivering what the customer needs, when he needs it, to enable customer success. To this effect, Niels developed an approach for effectively teaching Evolutionary Project Management (Evo) Methods, Requirements Engineering, and Review and Inspection techniques. Since 2001, he taught and coached some 80 projects in 20+ organizations in the Netherlands, Belgium, Ireland, India, Japan and the US, which led to a wealth of experience in which approaches work better and which work less in practice.

Niels puts development teams on the Quality On Time track and coaches them to stay there and deliver their quality software or systems on time, without overtime, without the need for excuses. Practical methods are developed, used, taught and continually optimized for:

- Evolutionary Project Management (Evo)
- Requirements Engineering and Management
- Reviews and Inspections.

Within a few weeks of turning a development project into an Evo project, the team has control and can tell the customer when the required features will all be done, or which features will be done at a certain date. Niels enjoys greatly the moments of enlightenment experienced by his clients when they find out that they can do it, that they are really in control, for the first time in their lives.



Rev	iews	5	
Niels Malotaux		R Malotau Isultancy	<u>IX</u>
+31-30-228 88 68	niels@malotaux.nl	www.malotau	x.nl
shareware. You may copy these slides elect (Niels Malotaux, Tom Gilb (TG), Don Mills (D Please ask for updates if you a	ronically or on paper for any useful purpose except M), Dorothy Graham/Grove Consultants (DG), Erik re distributing to many people. Versi	ot sale for profit. You must include cre Simmons (ES)) and this Permission n on NRM2.02 – 17 October 2007	dit of source otice.
Niels Malotaux	ζ		
Niels Malotaux Project Coach	ζ		
Project Coach • Evolutionary	Project Management (Evo)	
Project Coach • Evolutionary	Project Management (s Engineering	Evo)	
Project Coach Evolutionary Requirement Reviews and Researching products	Project Management (s Engineering Inspections		
Project Coach • Evolutionary • Requirement • Reviews and • Researching pro • Finding ways to	Project Management (s Engineering Inspections oblems in projects fundamentally overco		ems
 Evolutionary Requirement Reviews and Researching pro Finding ways to Ploughing back 	Project Management (s Engineering Inspections oblems in projects fundamentally overco	ming these proble	÷ms

- www.malotaux.nl/nrm/pdf/Booklet2.pdf

⁻ www.malotaux.nl/nrm/pdf/EvoRisk.pdf



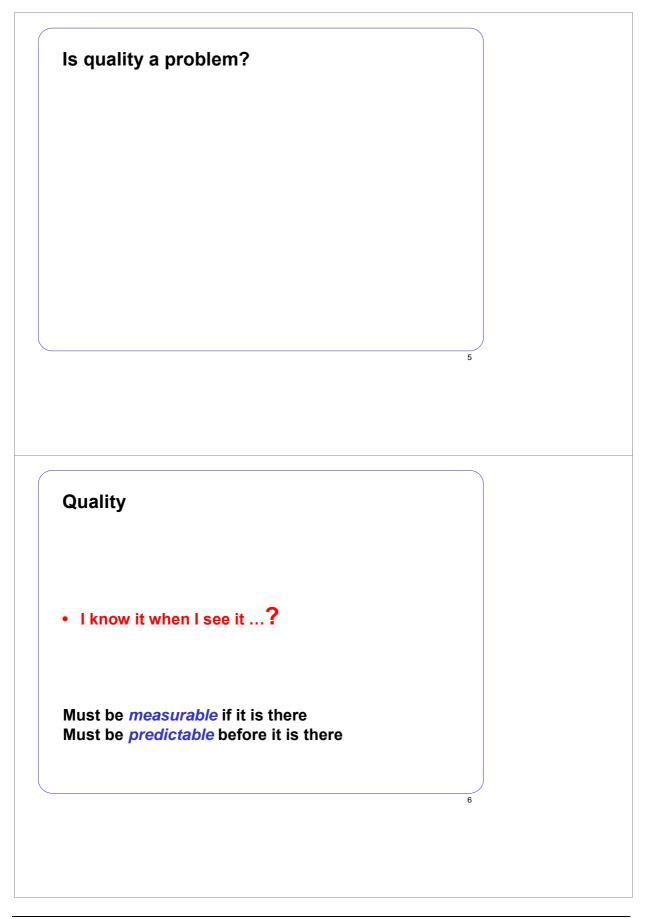
- Do your projects normally produce immediately Right Results?
- Do your projects deliver the Right Results On Time?

The Goal of a Project

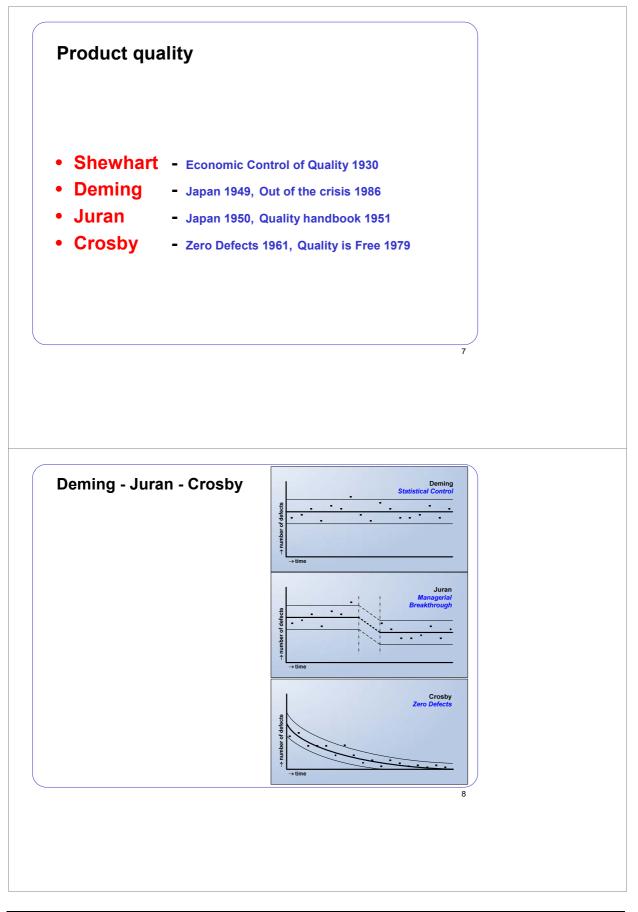
- Providing the customer with
 - what he needs
 - at the time he needs it
 - to be satisfied
 - to be more successful than he was without it

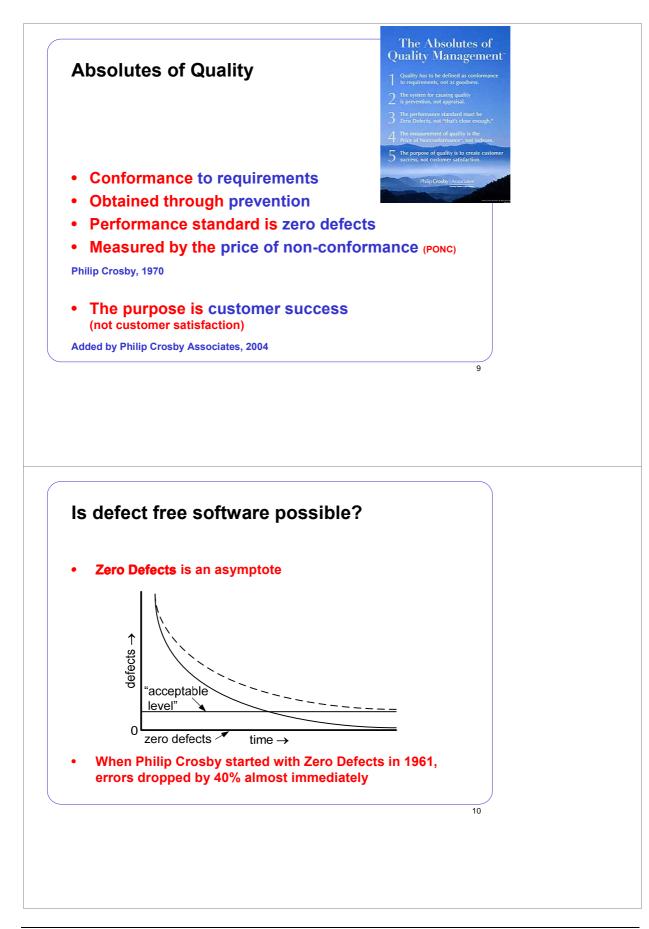
Constrained by

- what the customer can afford
- · what we mutually beneficially and satisfactorily can deliver
- in a reasonable period of time



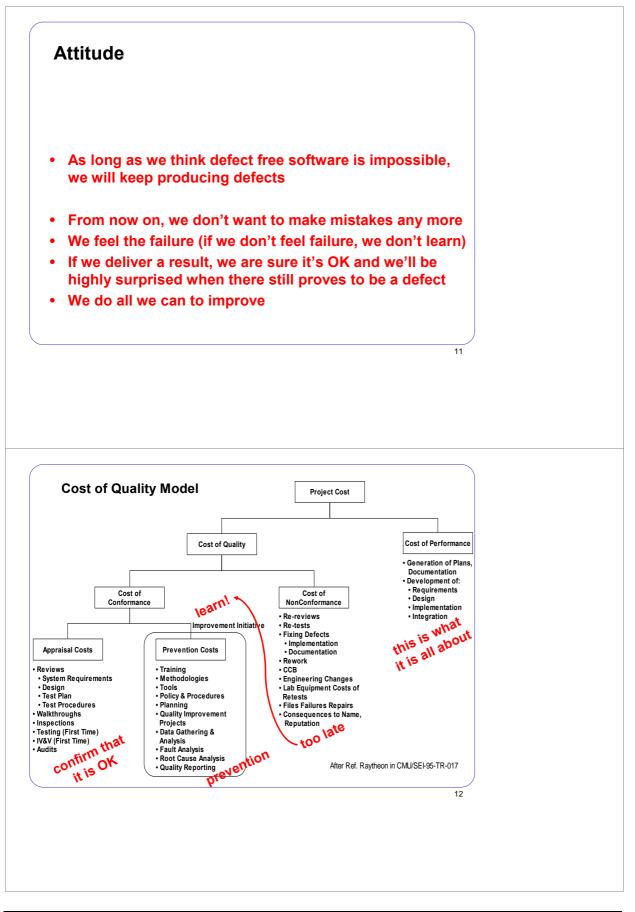
- www.malotaux.nl/nrm/pdf/Booklet2.pdf

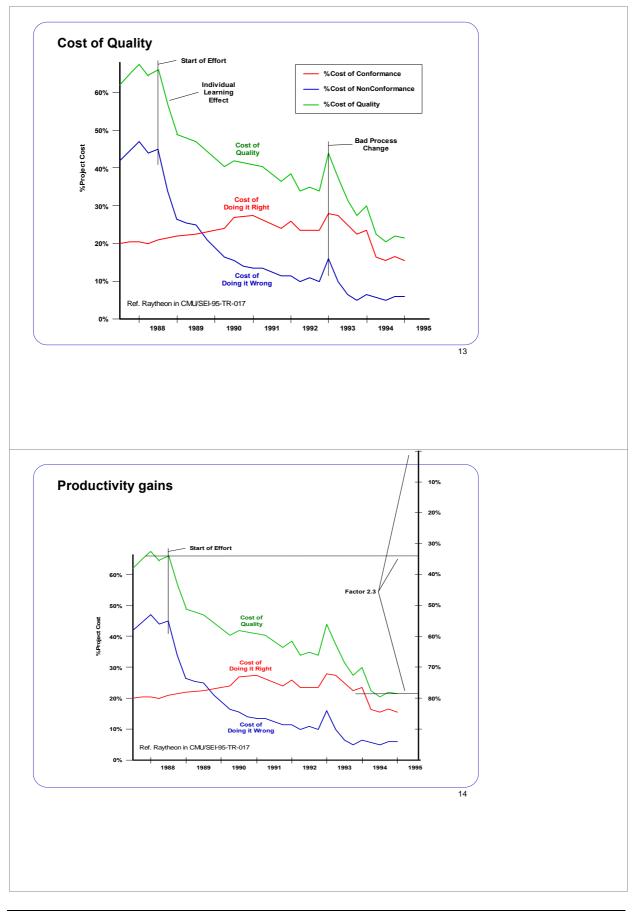




Booklets:

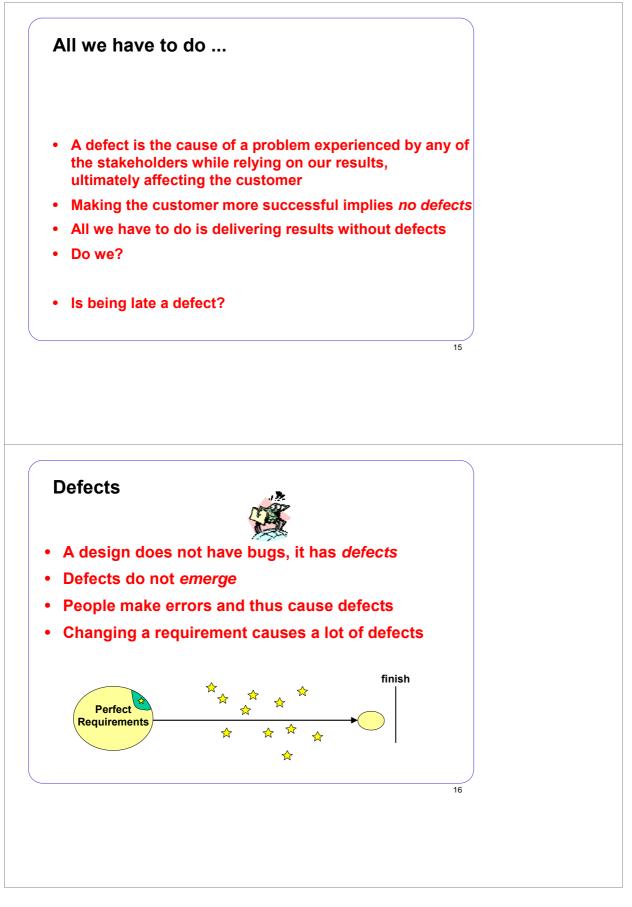
- www.malotaux.nl/nrm/pdf/Booklet2.pdf

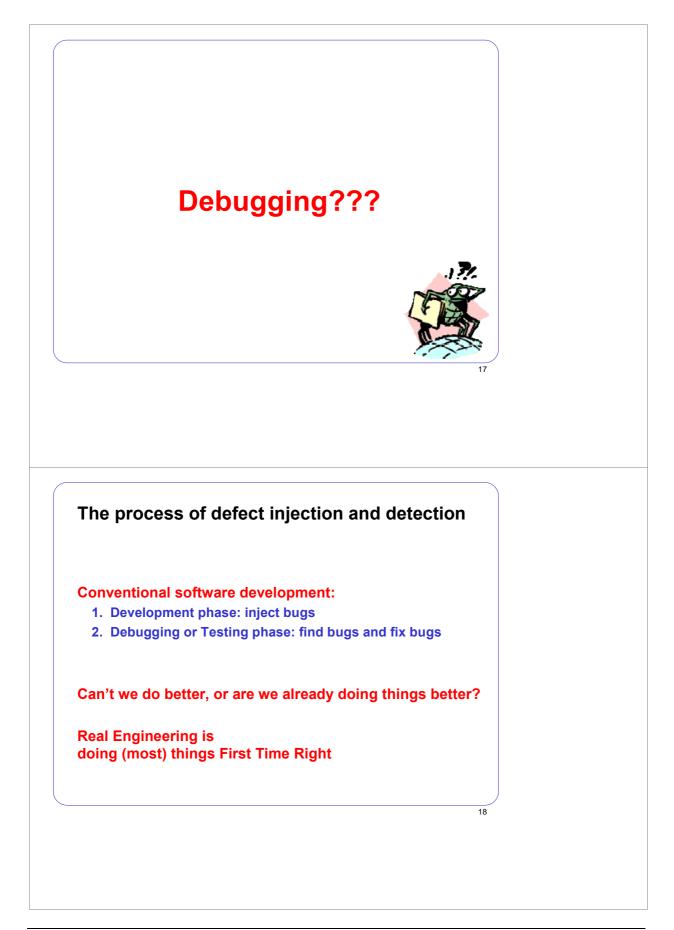




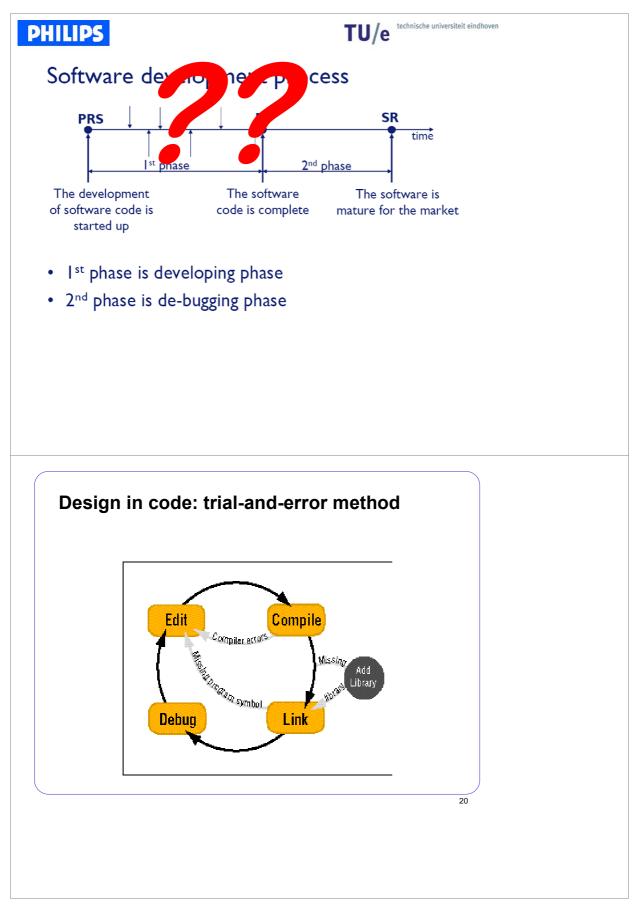
Booklets:

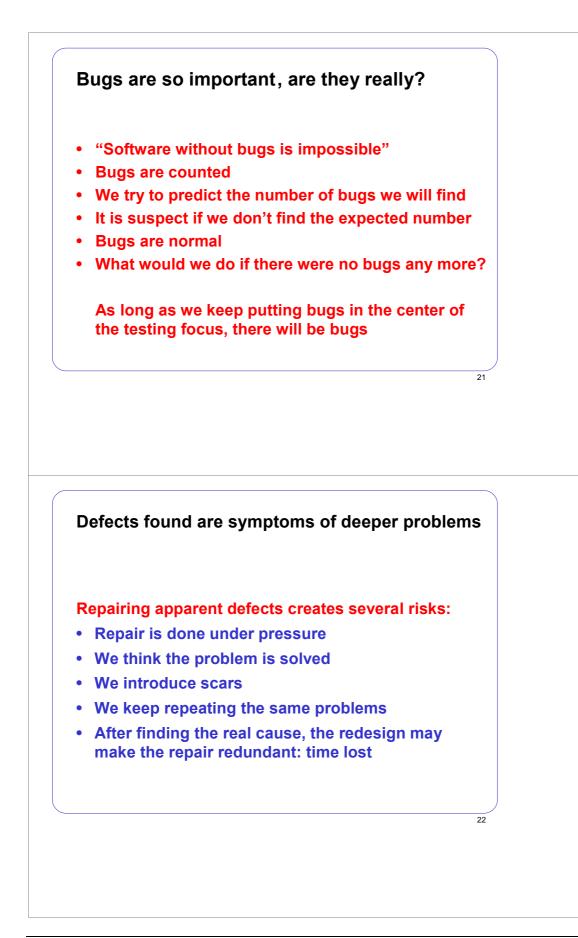
- www.malotaux.nl/nrm/pdf/Booklet2.pdf





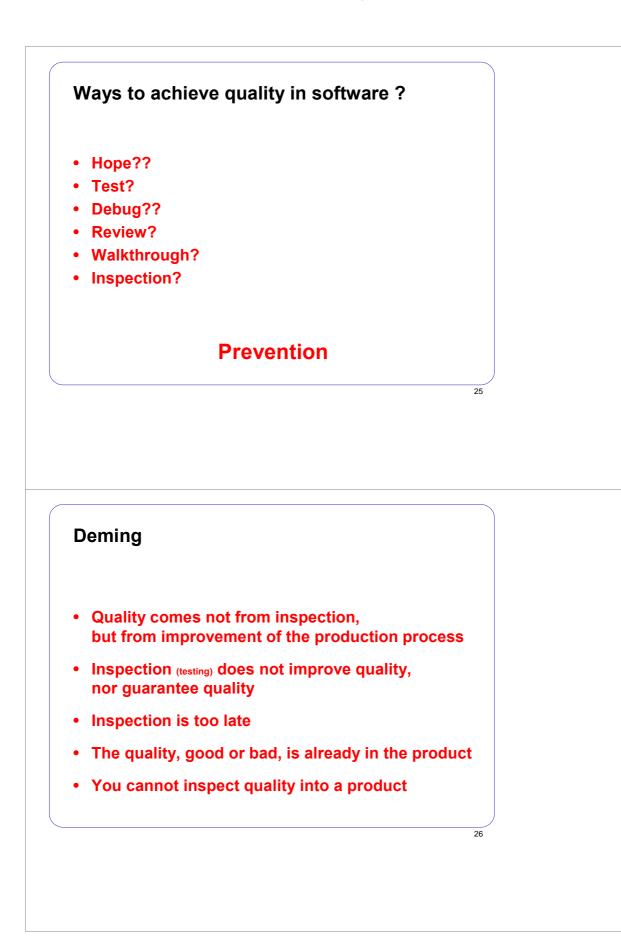
- www.malotaux.nl/nrm/pdf/Booklet2.pdf



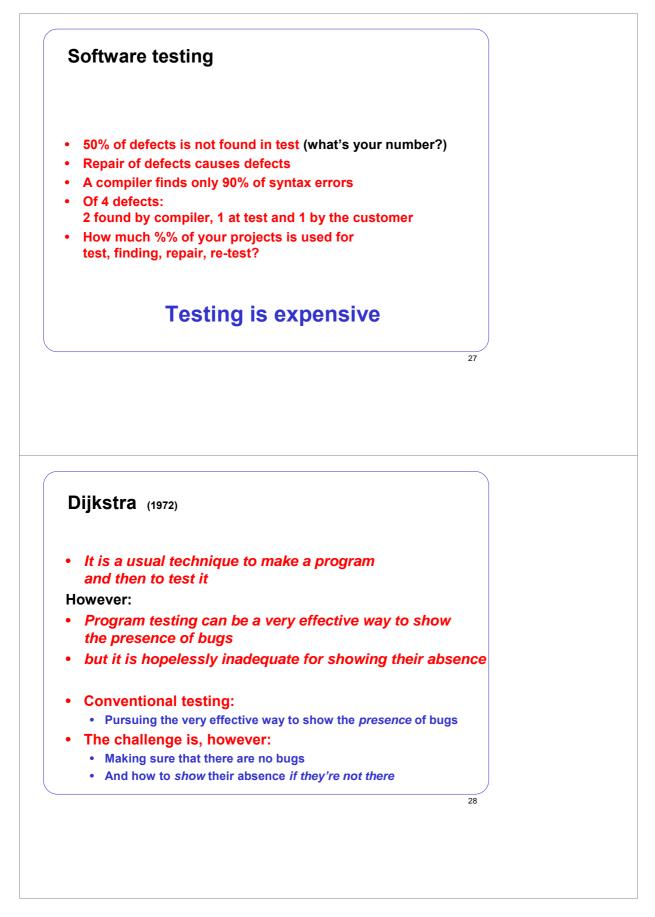


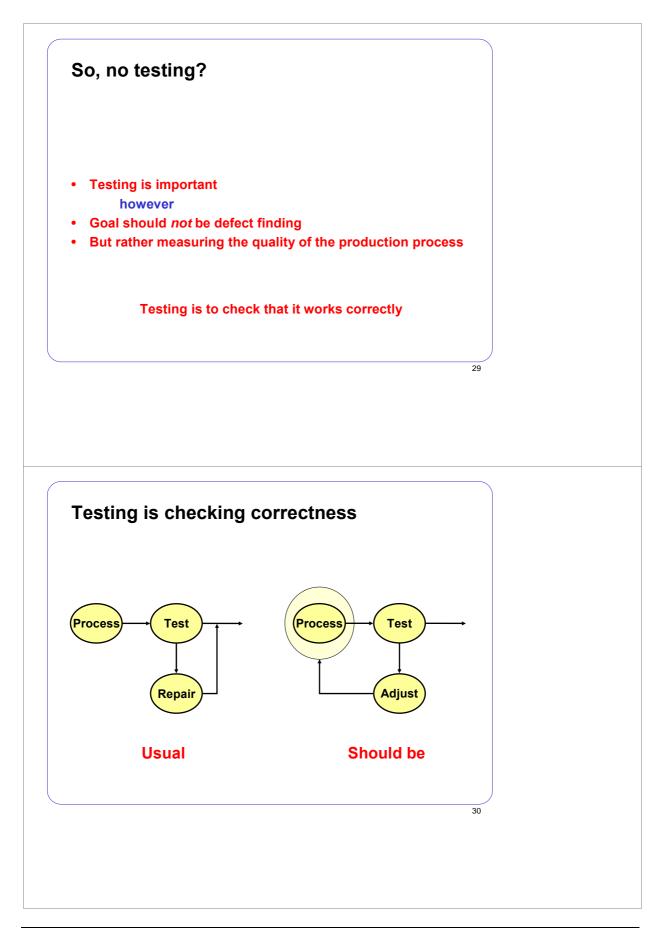
- www.malotaux.nl/nrm/pdf/Booklet2.pdf





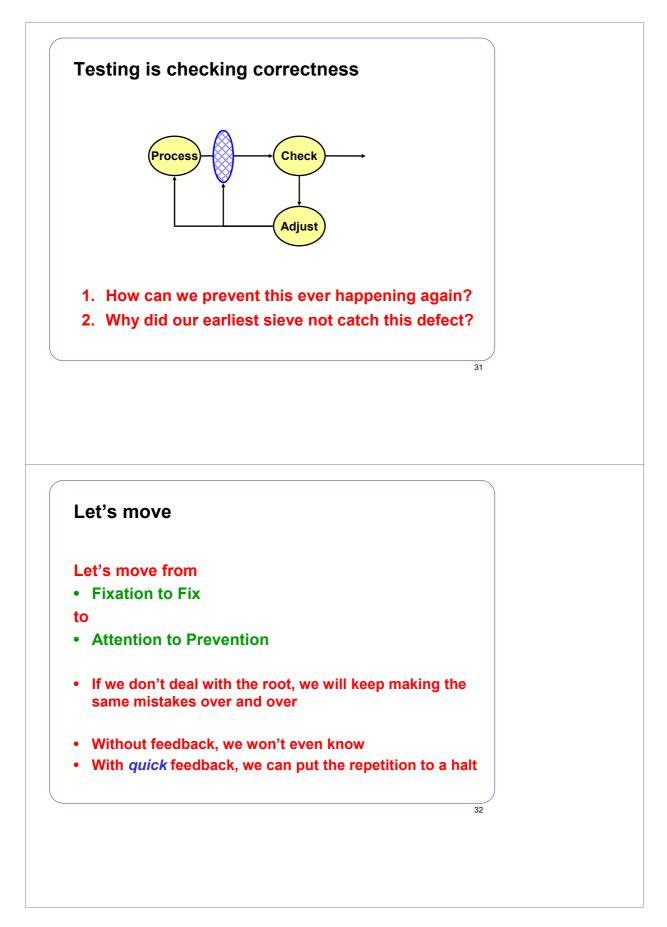
- www.malotaux.nl/nrm/pdf/Booklet2.pdf





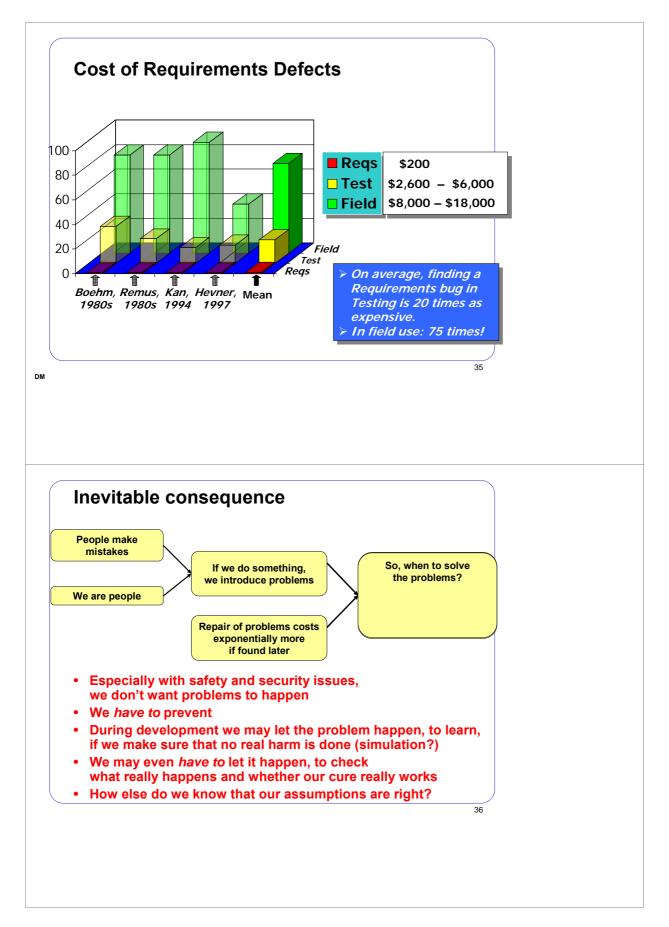
Booklets:

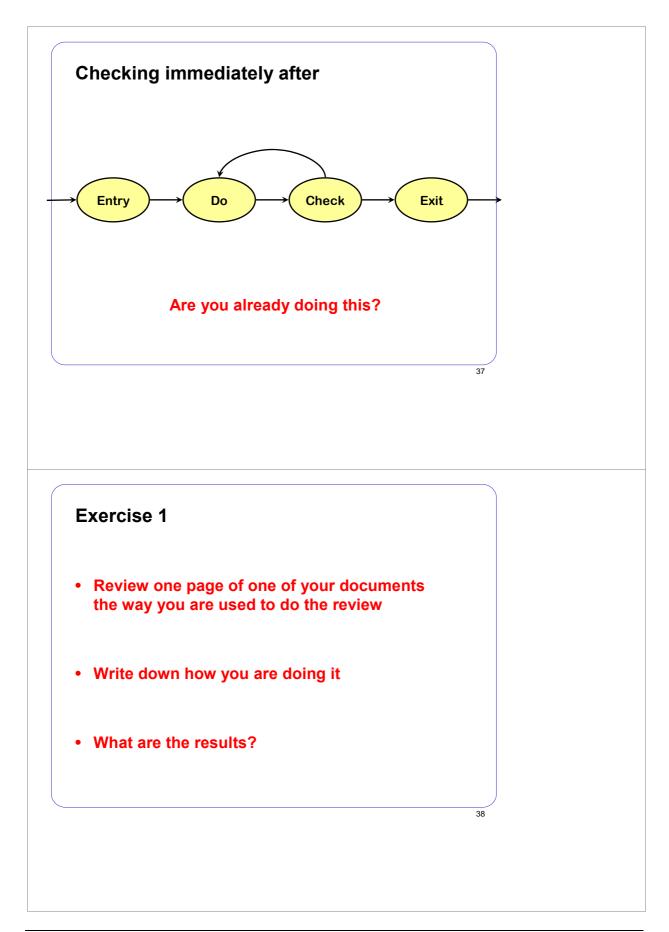
- www.malotaux.nl/nrm/pdf/Booklet2.pdf



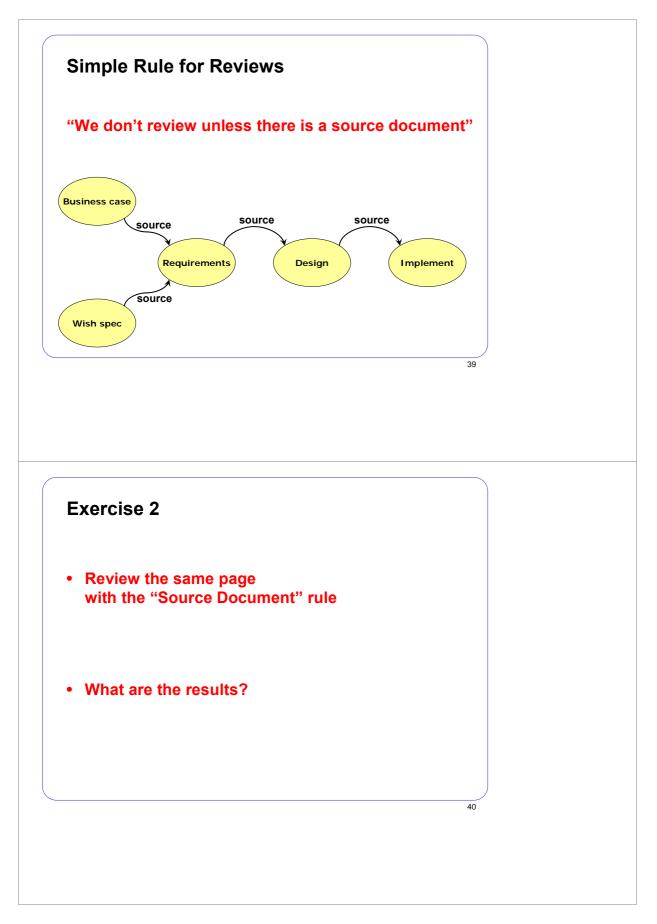


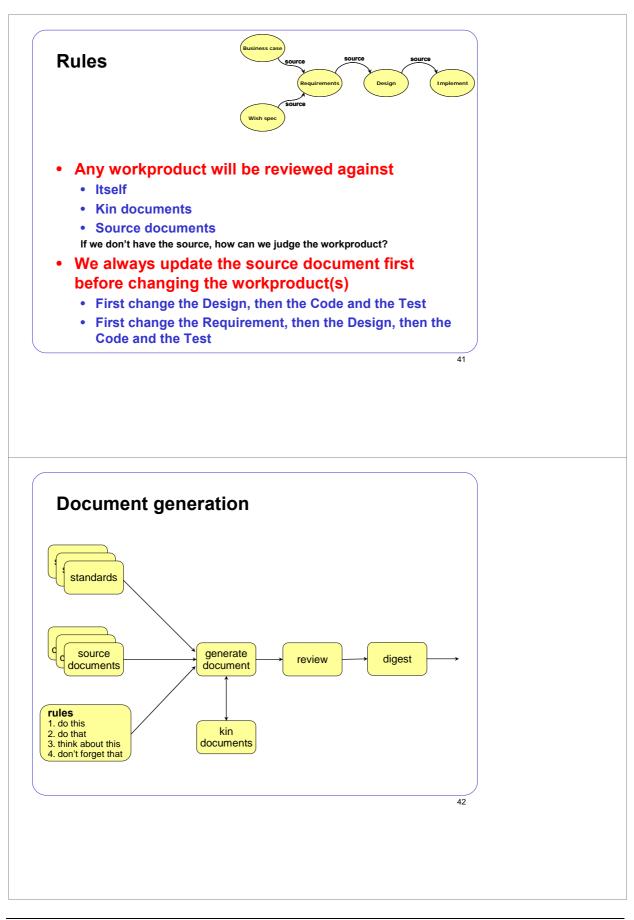
- www.malotaux.nl/nrm/pdf/Booklet2.pdf





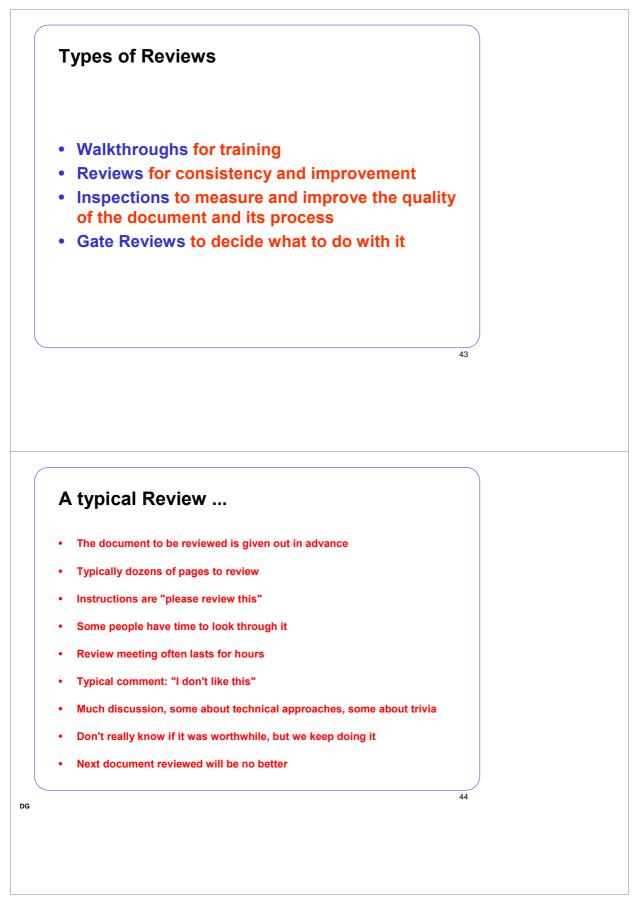
- www.malotaux.nl/nrm/pdf/Booklet2.pdf

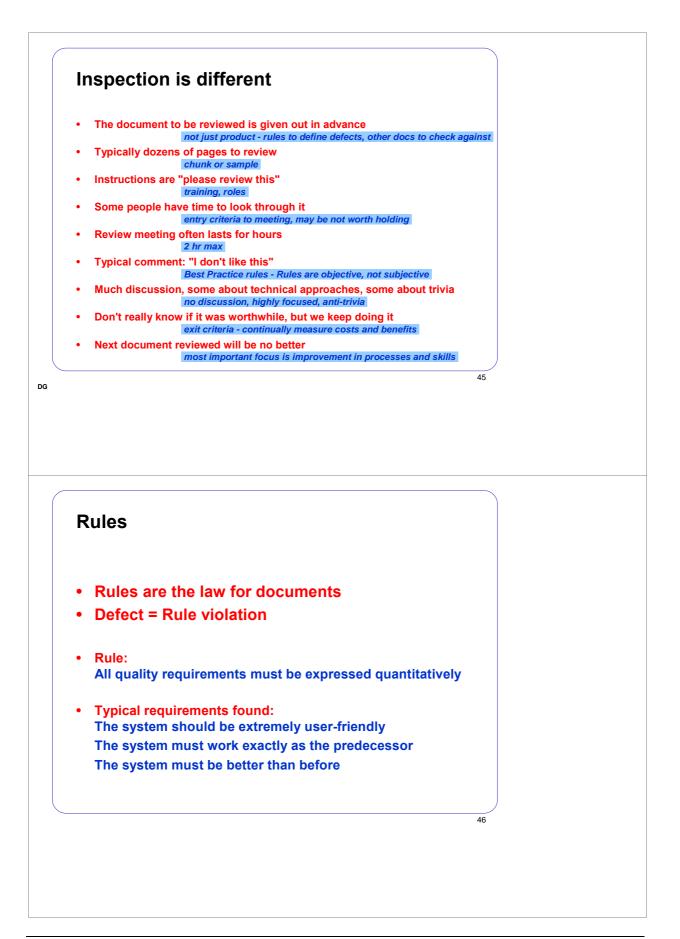




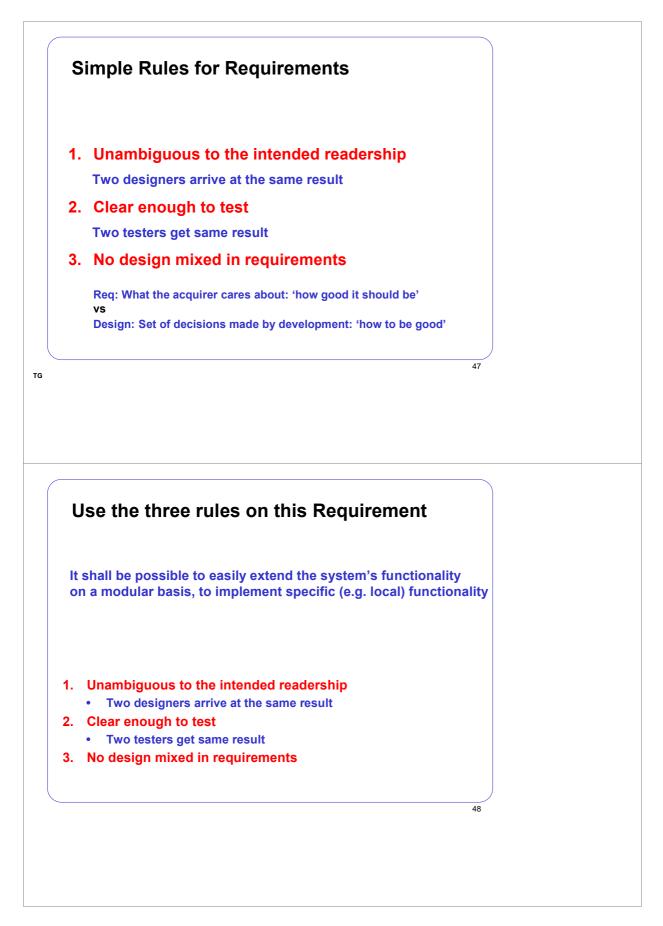
Booklets:

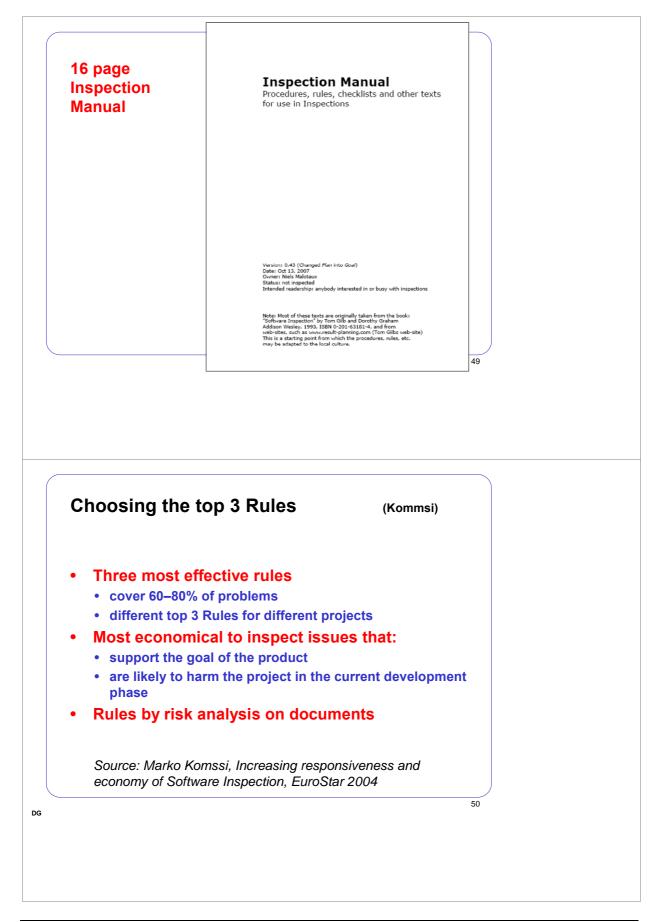
- www.malotaux.nl/nrm/pdf/Booklet2.pdf





- www.malotaux.nl/nrm/pdf/Booklet2.pdf

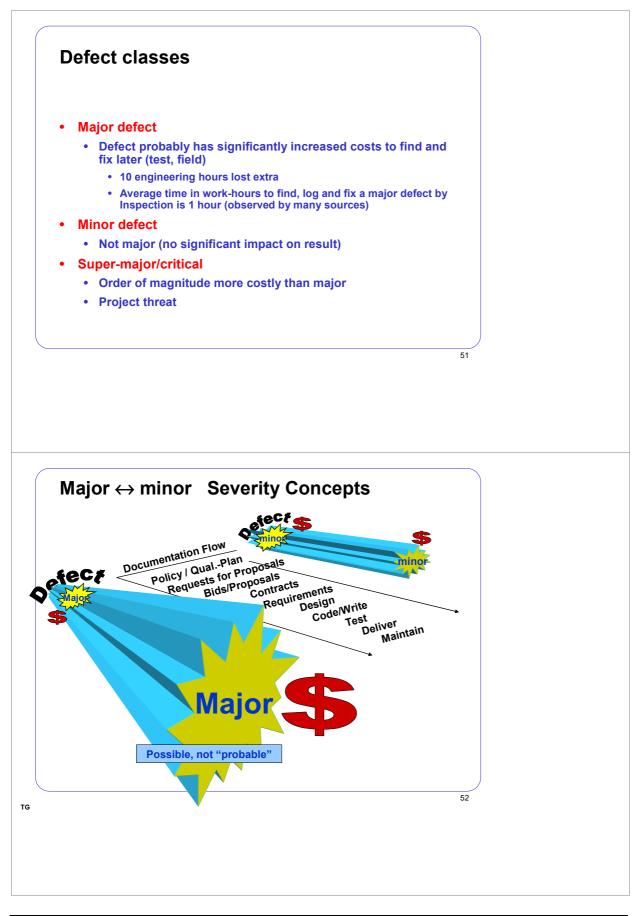


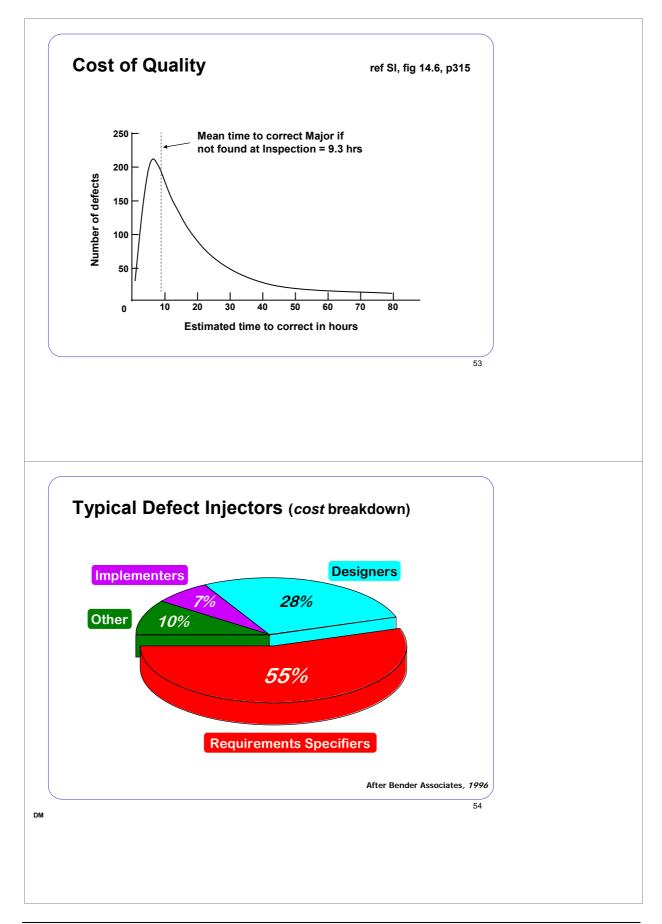


Booklets:

www.malotaux.nl/nrm/pdf/MxEvo.pdf www.malotaux.nl/nrm/pdf/EvoTesting.pdf www.malotaux.nl/nrm/pdf/TimeLine.pdf

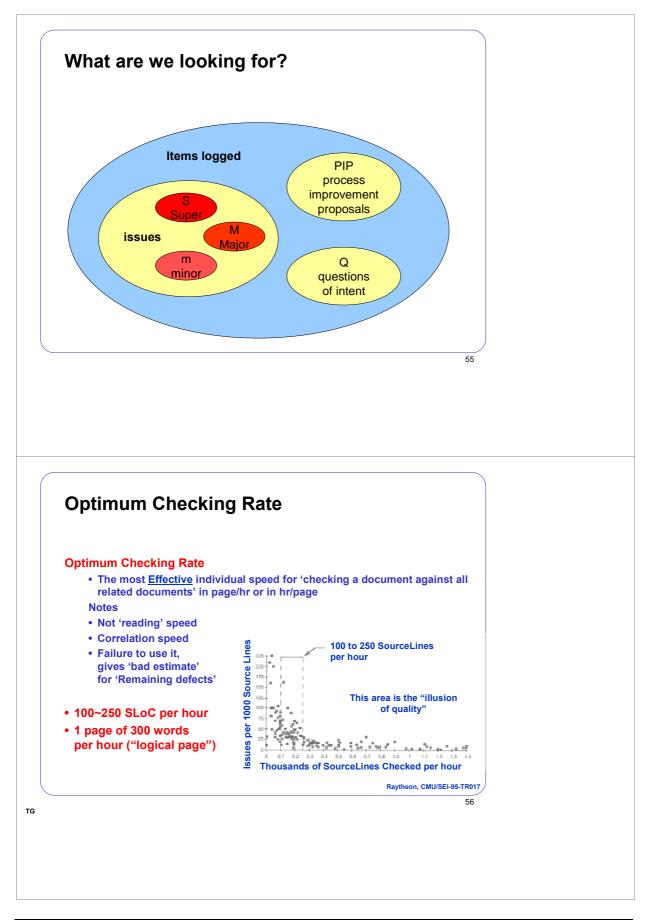
- www.malotaux.nl/nrm/pdf/Booklet2.pdf

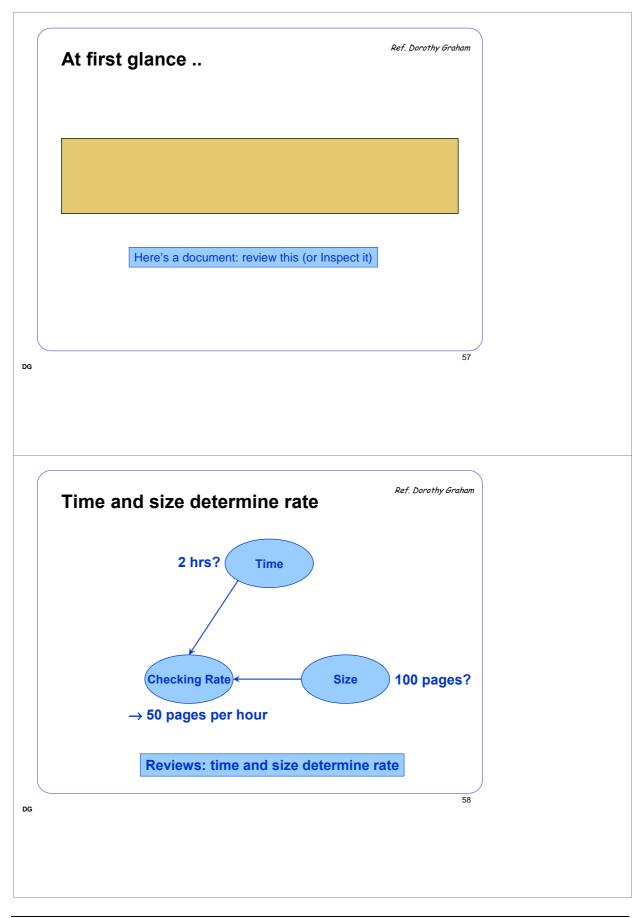




Booklets:

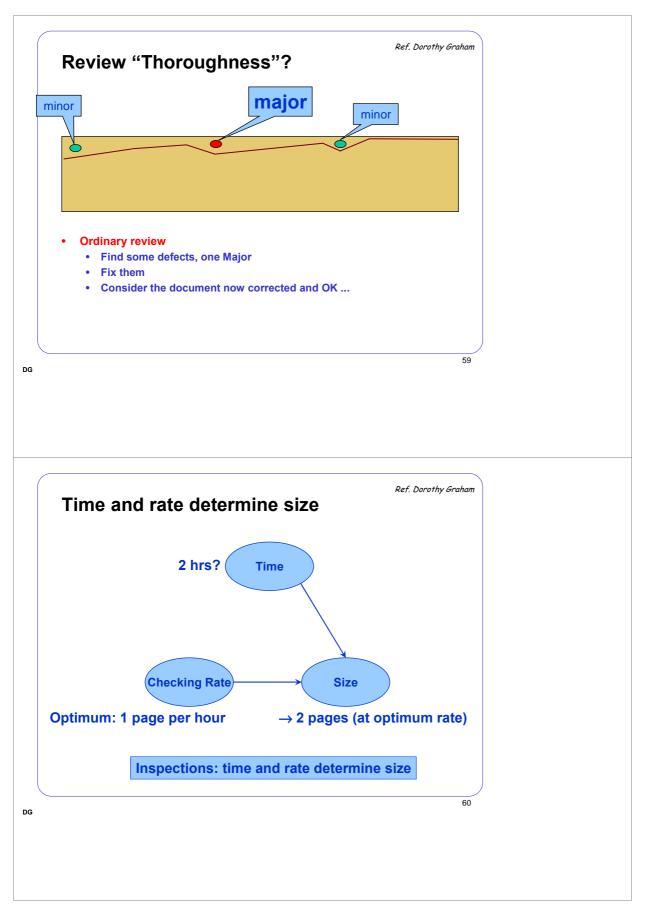
- www.malotaux.nl/nrm/pdf/Booklet2.pdf

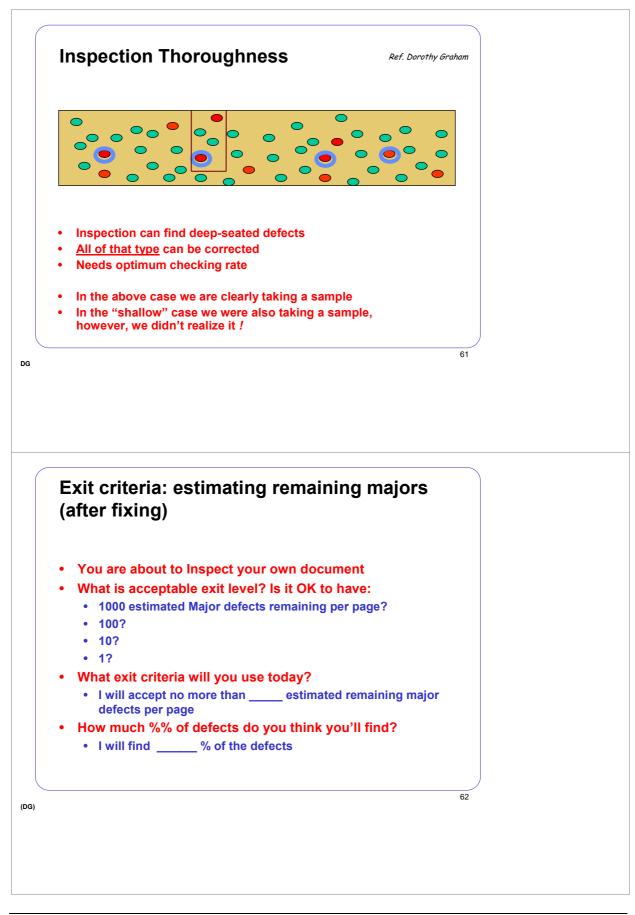




Booklets:

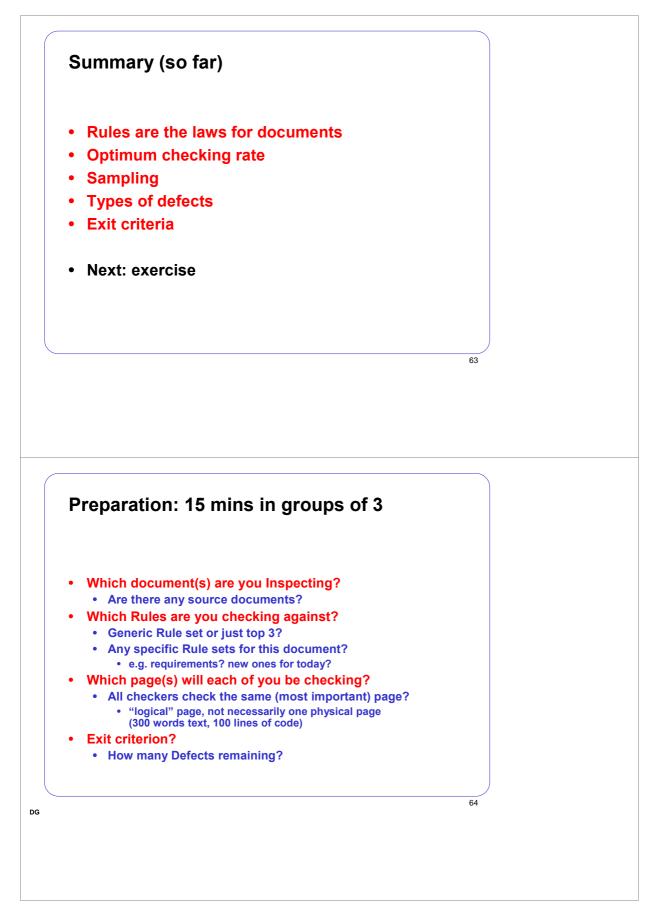
- www.malotaux.nl/nrm/pdf/Booklet2.pdf





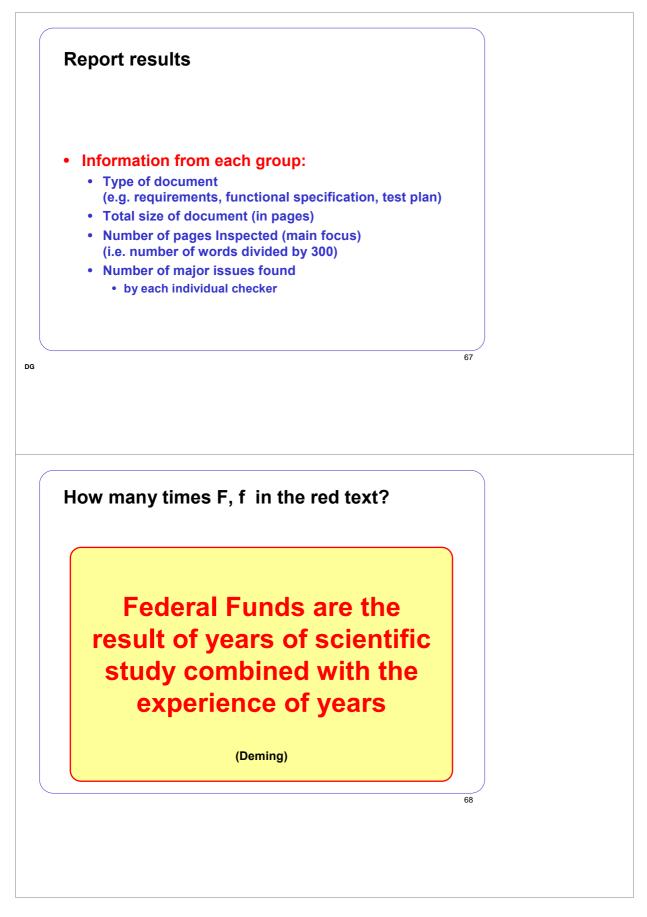
Booklets:

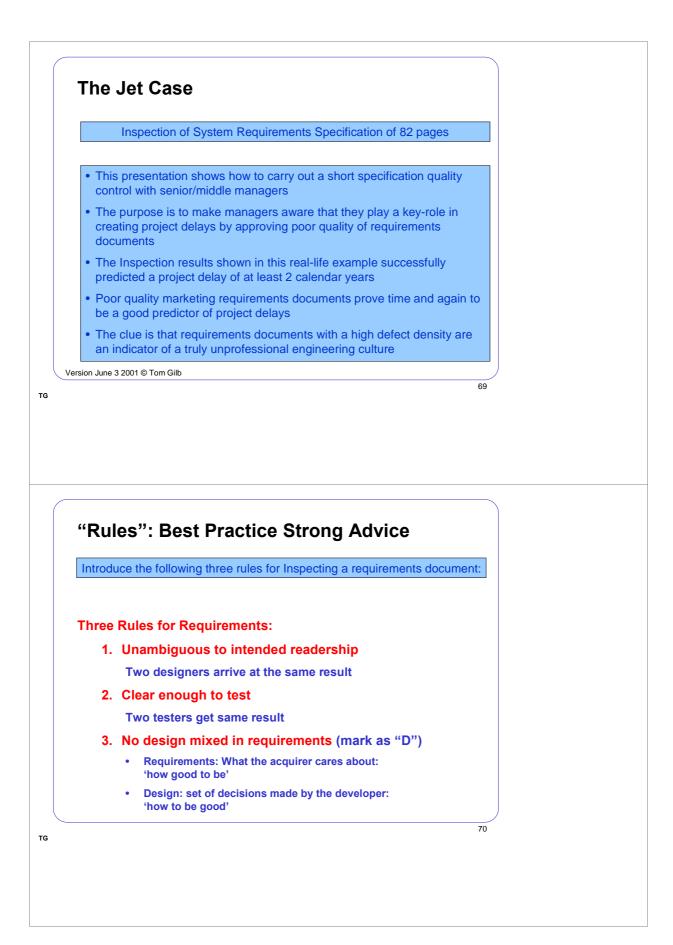
⁻ www.malotaux.nl/nrm/pdf/Booklet2.pdf





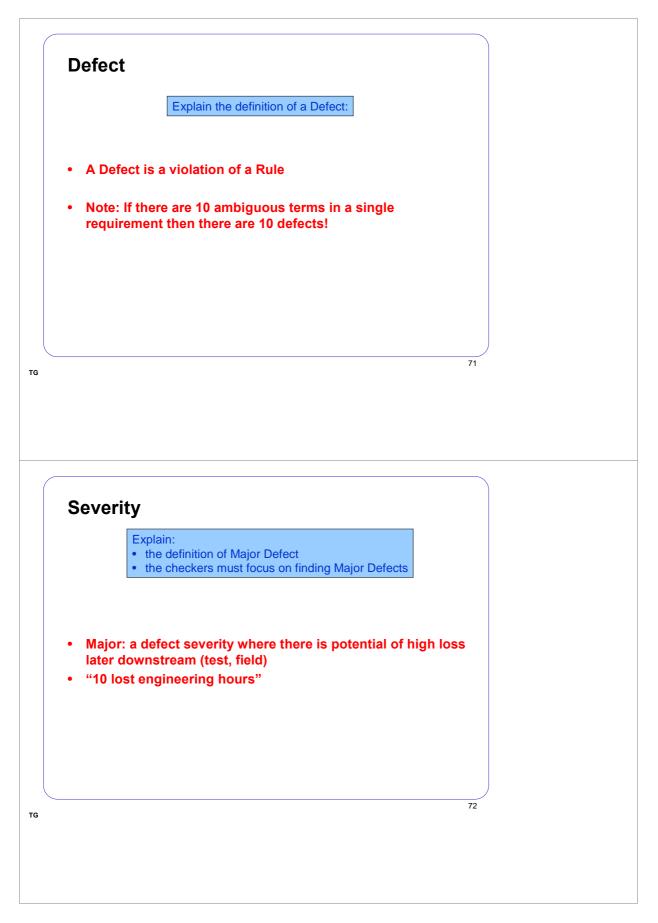
- www.malotaux.nl/nrm/pdf/Booklet2.pdf

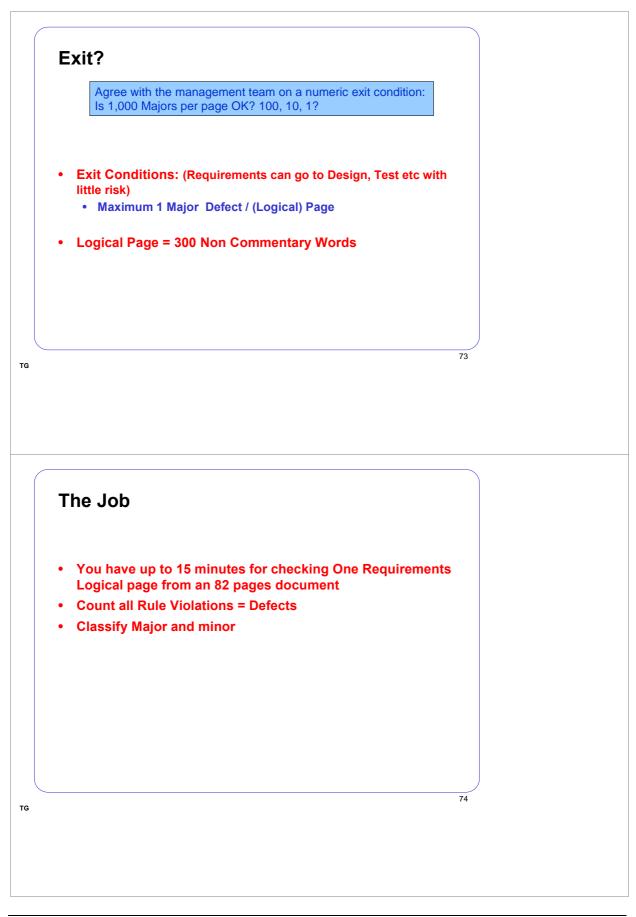




Booklets:

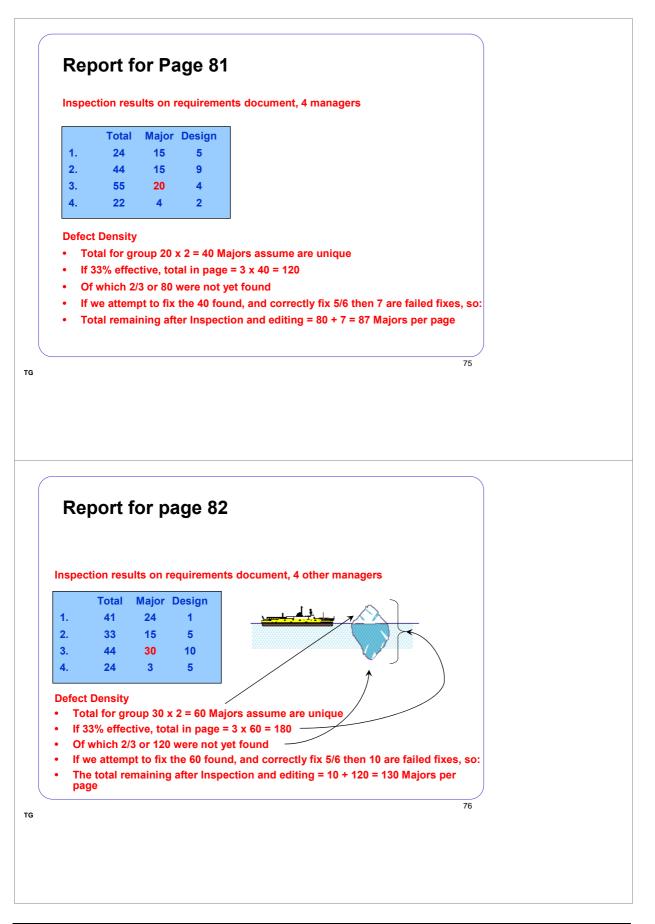
- www.malotaux.nl/nrm/pdf/Booklet2.pdf

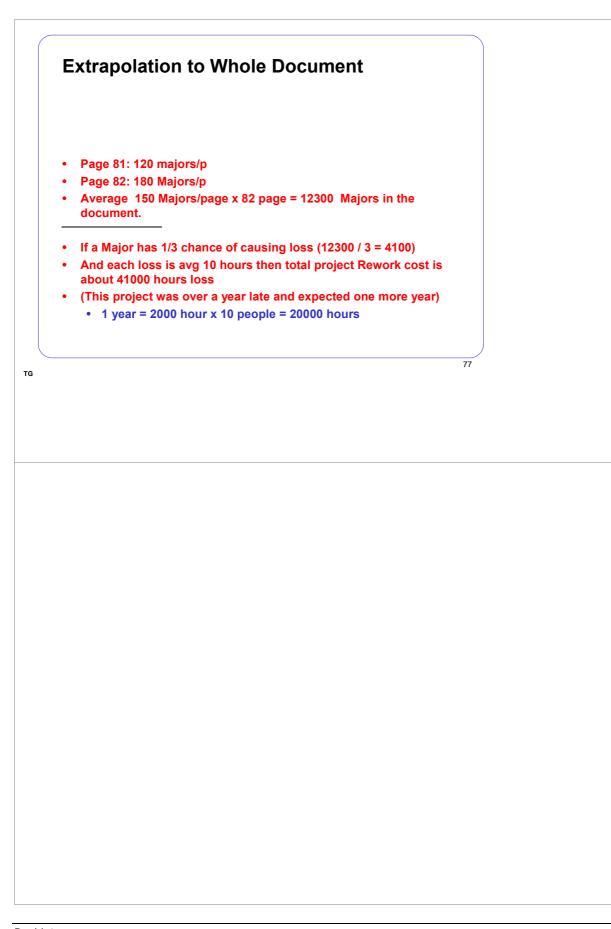




Booklets:

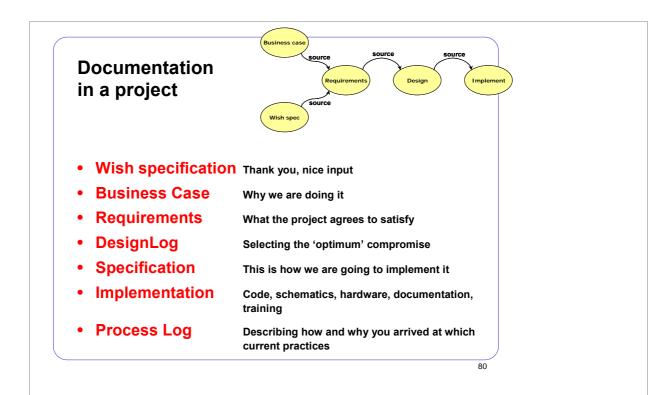
- www.malotaux.nl/nrm/pdf/Booklet2.pdf

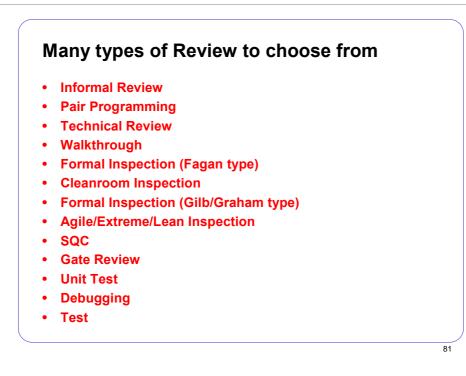




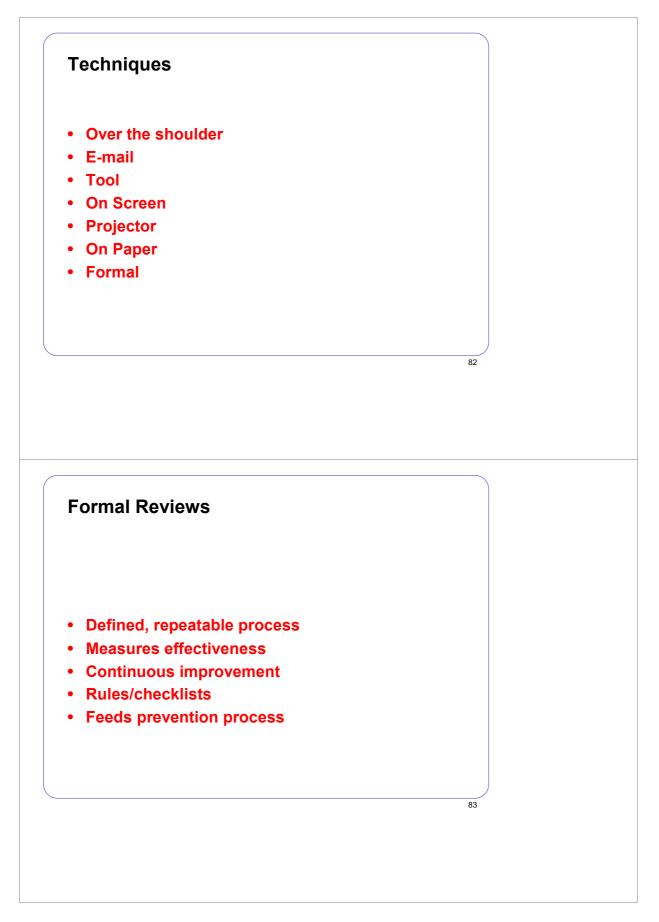
- www.malotaux.nl/nrm/pdf/Booklet2.pdf

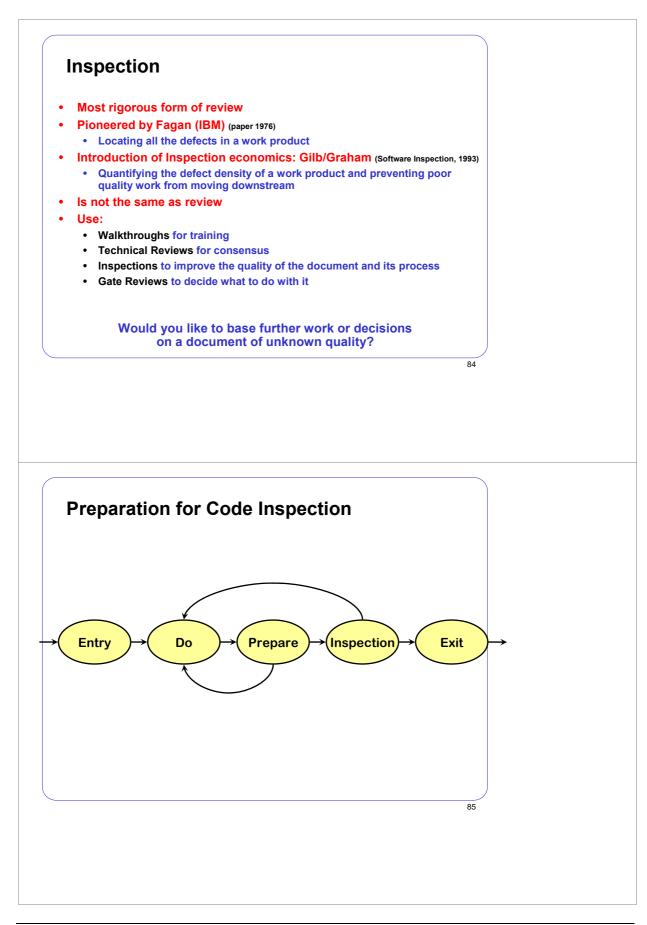
INS	pect	ION	
Niels Malotaux	N Cor	R Malotaux Isultancy	
+31-30-228 88 68	niels@malotaux.nl	www.malotaux.nl	
(Niels Malotaux, Tom Gilb (TG), Don Mills	ctronically or on paper for any useful purpose excep (DM), Dorothy Graham/Grove Consultants (DG), Erik a re distributing to many people. Versi	t sale for profit. You must include credit of source Simmons (ES)) and this Permission notice. on NRM2.02 - 17 October 2007	
		78	
Thursday of starts			
Types of docu	uments		
• Quotation	uments		
 Quotation Contract			
 Quotation Contract Requirement	ents		
 Quotation Contract Requiremet Architectu 	ents		
 Quotation Contract Requirement	ents ire		
 Quotation Contract Requireme Architectu Design 	ents ire		
 Quotation Contract Requireme Architectu Design Software contract 	ents ire code		
 Quotation Contract Requireme Architectu Design Software of Test plan Test script 	ents ire code		
 Quotation Contract Requireme Architectu Design Software of Test plan Test script 	ents ire code ts schematic diagram		
 Quotation Contract Requireme Architectu Design Software of Test plan Test script Electronic 	ents ire code ts schematic diagram	79	





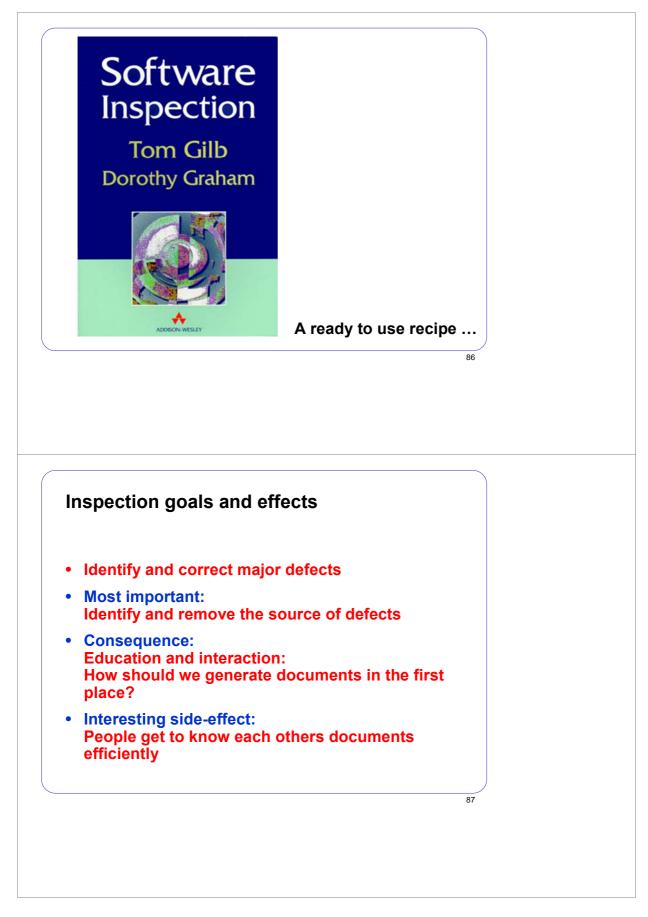
- www.malotaux.nl/nrm/pdf/Booklet2.pdf

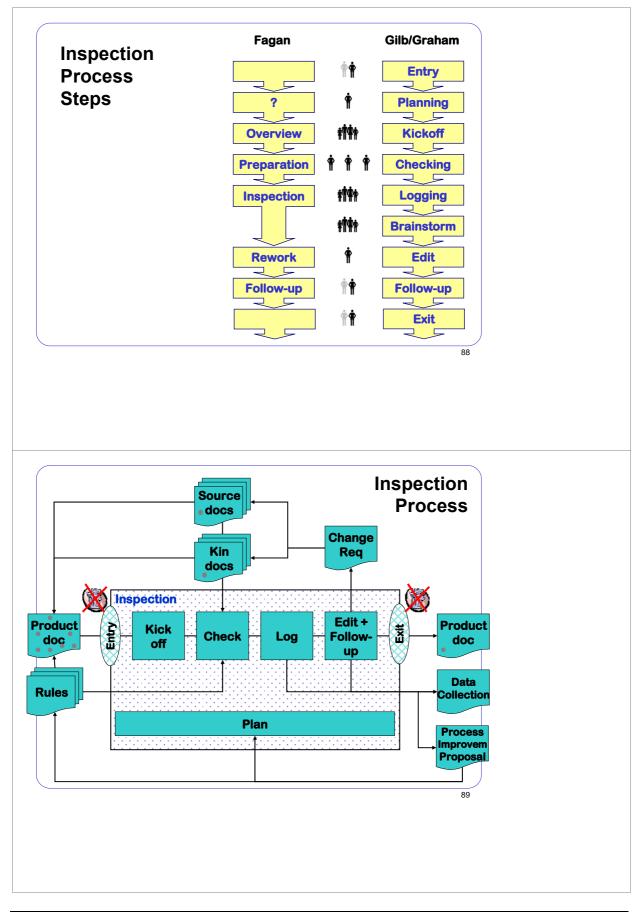




Booklets:

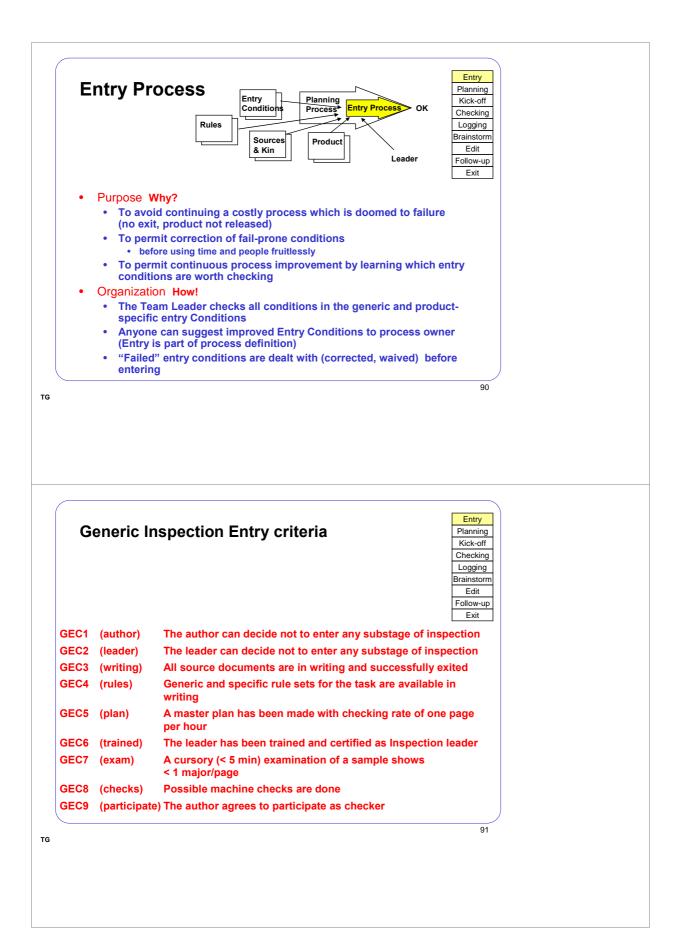
- www.malotaux.nl/nrm/pdf/Booklet2.pdf





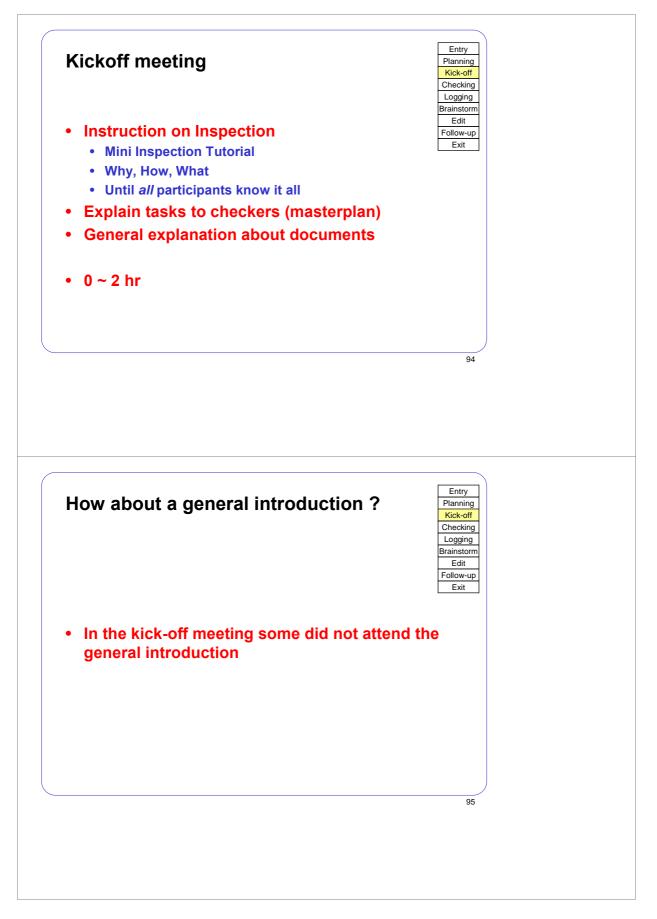
Booklets:

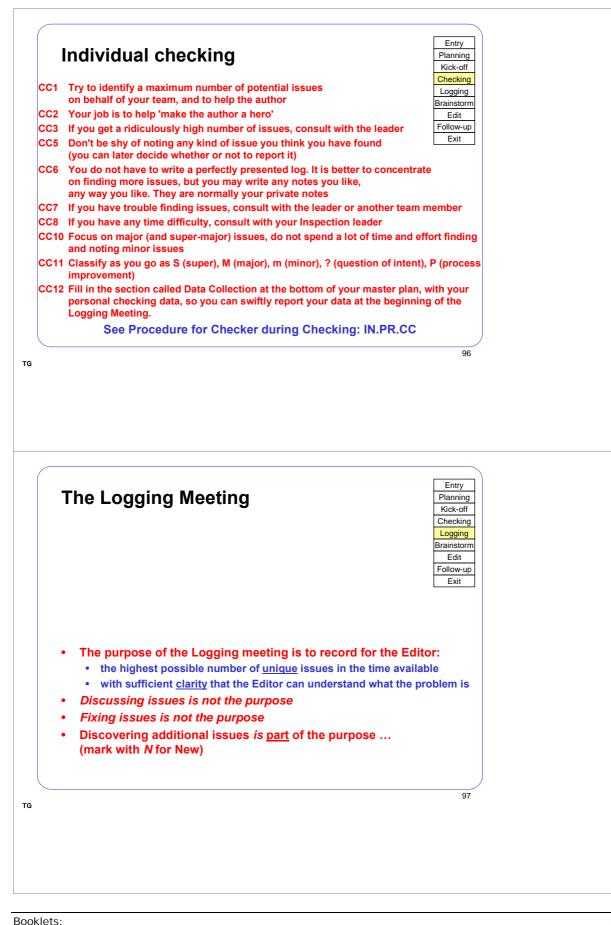
- www.malotaux.nl/nrm/pdf/Booklet2.pdf



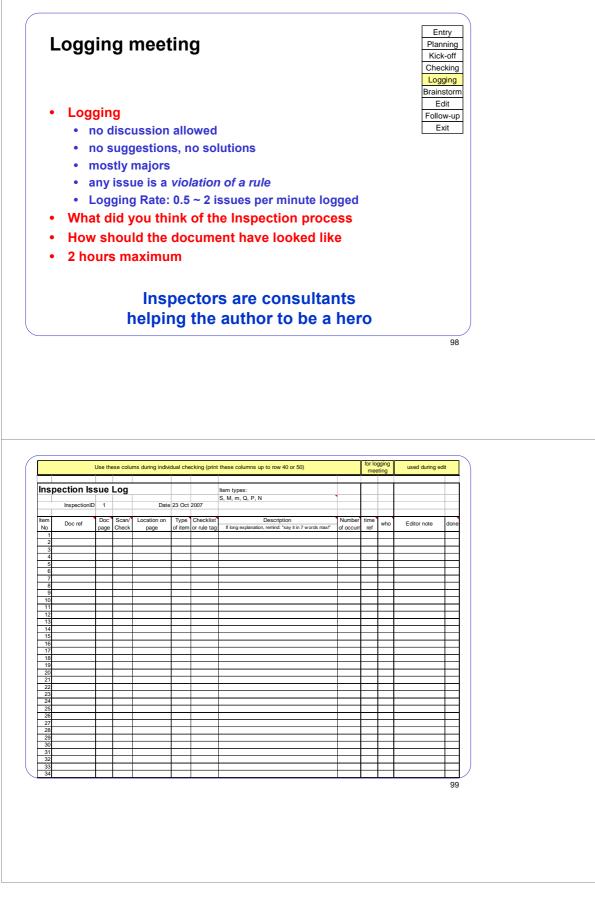
who		init		e-mail	role	scan		time min		time	page	rule set
ader uthor	Maarten Rudy	mvl	-			Product document Product document		1/2 hr 3 m	in Ch 3.1 + 3.2 in Ch 1 - 3.(0)	1½ hr 1½ hr	- 30 - 30	GE
necker	Frank Raf					Product document Product document		1⁄2 hr 3 m	in Ch 1 - 3.(0) in Ch 3.3 + 3.4	1½ hr 1½ hr	- 30	GE
necker necker necker	Vova				-	Product document		½ nr 3 n	in Ch 3.3 + 3.4	1½ hr	- 30	GE
doc	owner	init	tel	e-mail	<u> </u>	docname	date	e ver	Location Project\software\documents\	insp	status	maj/
oduct	Rudy Niels Malotaux	nma		@malotaux.n		t Configurations SD7784-RMU28	2001-11	1-23 0.1	Project\software\documents\ configuration management Q:\Inspections\CoursenspMan.doc	For ins	pection	page
ource	Jan Hollevoet Rudy				Branching S	Strategy ng Strategy SD7784-RMU27	2001-05	9-17 1.0 1-23 0.2		Not in:	spected	
ource	Jan Hollevoet				Software B	Build Instructions ThisProduct	2001-11	1-19 1.4		Not in: Not in:	spected spected	
neeting ckOff	date 2001-11-29 he	locati	m st	art end	Inst	tructions						
gging	2001-12-06 sa				Insp	Dection goals: Getting Learnin	g the proc ng Inspec	duct exite	d			
idividua	l checker data co	llection		Checker:	Stra	tegy to meet goal: Do Ins	pection, f	find as m	any issues as possible I initially be replaced by:			
be filled in	by each checker, before	logging me	eting SC	an check	-	- 30 m	in. discus	ssion abo	at what you think of this inspection aining on the subject of the docu	n process nent		
me sper	nt (X.X hrs)				Opti	imum checking rate: 60 min At first	per page	e ons we w	ill use about 30 min per logical pa	ne		
ages stu	died				- Exit				ning per page	3-		
ajors uper ma	jors (project thre	eat)	+	-		ignment for this Inspection:			and a la set CE. Co. Inconst.	anual to 1	io #* *	
inors					you d	se check the sheets against all can also find the procedure for edure to know what to do durin	checking	g (Proced	and rule set GE. See Inspection M ire for Checker during Checking:	anual. In th CC). Read th	is man nis	iual
rocess I	mprovements				-		5	5				
uestions	\$											
												92
(Chec	kir	١g	role	S					PI	Entry annii	ng
(Chec		-		ŝ					PI K Ch La	annii ick-o <mark>iecki</mark> oggir	ng iff ng ig
C	•	U	ser							PI K Ch Lo Bra	annii ick-o iecki	ng iff ng ig orm
(•	U T	ser est	er	!S					PI K Cr Bra Fo	annii ick-o necki oggir insto Edit Ilow-	ng iff ng ig orm
(•	U T	ser est	er	S					PI K Cr Bra Fo	annii ick-o <mark>iecki</mark> oggir iinsto Edit	ng iff ng ig orm
(•	U T S	ser est yst	er em	!S					PI K Cr Bra Fo	annii ick-o necki oggir insto Edit Ilow-	ng iff ng ig orm
(•	U T S Q	ser est yst ual	er em ity	Ś					PI K Cr Bra Fo	annii ick-o necki oggir insto Edit Ilow-	ng iff ng ig orm
(•	U T S Q	ser est yst	er em ity	'S					PI K Cr Bra Fo	annii ick-o necki oggir insto Edit Ilow-	ng iff ng ig orm
(•	U T S G S	ser est yst ual erv	er em ity ice		iments				PI K Cr Bra Fo	annii ick-o necki oggir insto Edit Ilow-	ng iff ng ig orm
(• • •	U T S C S S	ser est yst ual erv our	er em ity ice rce c		uments				PI K Cr Bra Fo	annii ick-o necki oggir insto Edit Ilow-	ng iff ng ig orm
(• • •	U T S C S S	ser est yst ual erv	er em ity ice rce c		Iments				PI K Cr Bra Fo	annii ick-o necki oggir insto Edit Ilow-	ng iff ng ig orm
(• • •	U T S C S S	ser est yst ual erv our	er em ity ice rce c		iments				PI K Cr Bra Fo	annii ick-o necki oggir insto Edit Ilow-	ng iff ng ig orm
(• • •	U T S C S S	ser est yst ual erv our	er em ity ice rce c		ıments				PI K Cr Bra Fo	annii ick-o necki oggir insto Edit Ilow-	ng iff ng ig orm
(• • •	U T S C S S	ser est yst ual erv our	er em ity ice rce c		ıments				PI K Cr Bra Fo	annii ick-o necki oggir insto Edit Ilow-	ng iff ng ig orm
(• • •	U T S C S S	ser est yst ual erv our	er em ity ice rce c		ıments				PI K Cr Bra Fo	annii ick-o necki oggir insto Edit Ilow-	ng iff ng ig orm
(• • •	U T S C S S	ser est yst ual erv our	er em ity ice rce c		ıments				PI K Cr Bra Fo	annii ick-o necki oggir insto Edit Ilow-	ng iff ng ig orm
(• • •	U T S C S S	ser est yst ual erv our	er em ity ice rce c		ıments				PI K Cr Bra Fo	annii ick-o necki oggir insto Edit Ilow-	ng iff ng ig orm
(• • •	U T S C S S	ser est yst ual erv our	er em ity ice rce c		ıments				PI K Cr Bra Fo	anni ick-co eecki oggir iinsto Edit Ilow- Exit	ng iff ng ig orm
(• • •	U T S C S S	ser est yst ual erv our	er em ity ice rce c		Iments				PI K Cr Bra Fo	anni ick-co eecki oggir iinsto Edit Ilow- Exit	ng fff ng ig xrm up

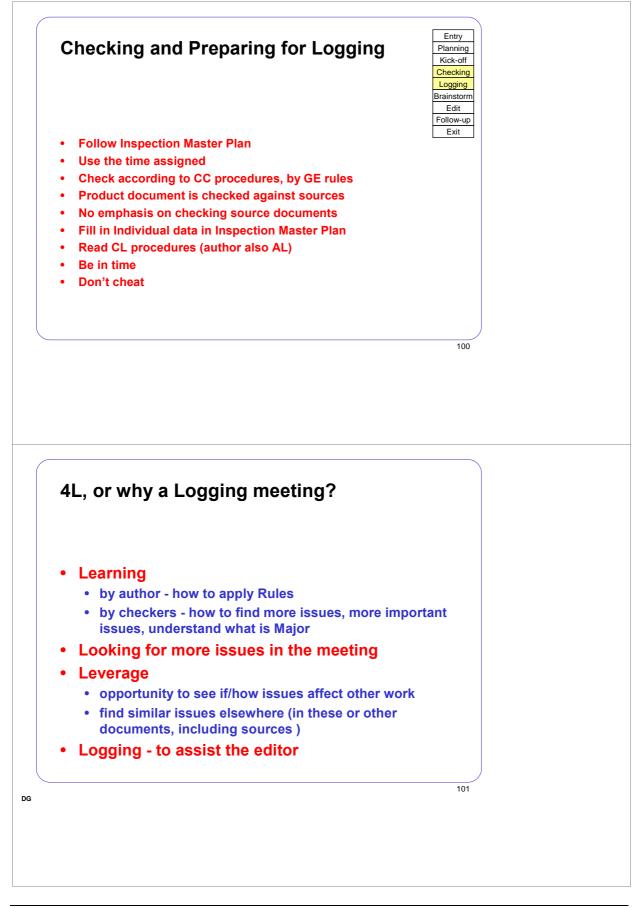
www.malotaux.nl/nrm/pdf/Booklet2.pdfwww.malotaux.nl/nrm/pdf/EvoRisk.pdf





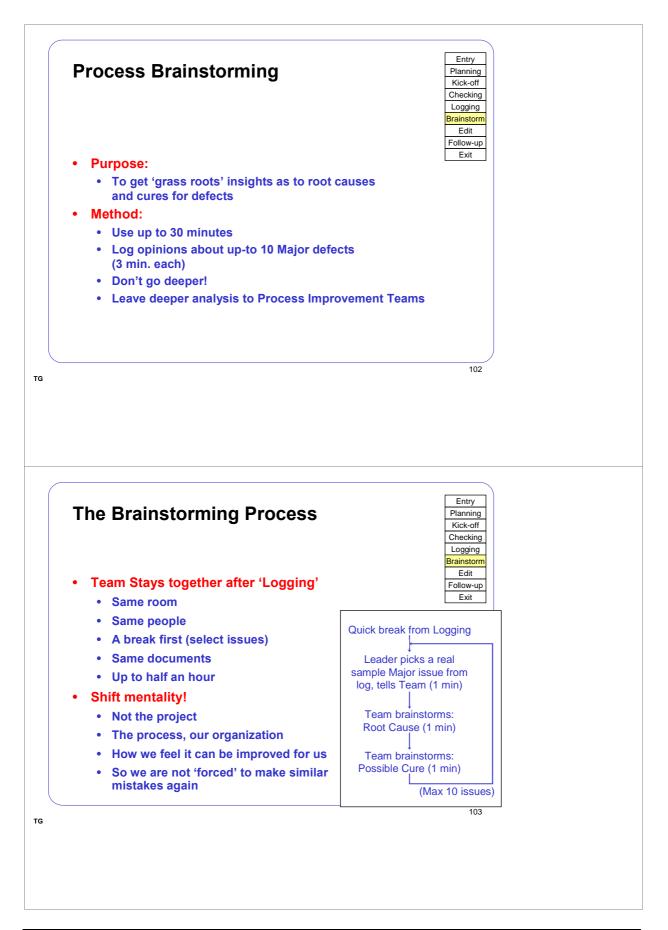
- www.malotaux.nl/nrm/pdf/Booklet2.pdf

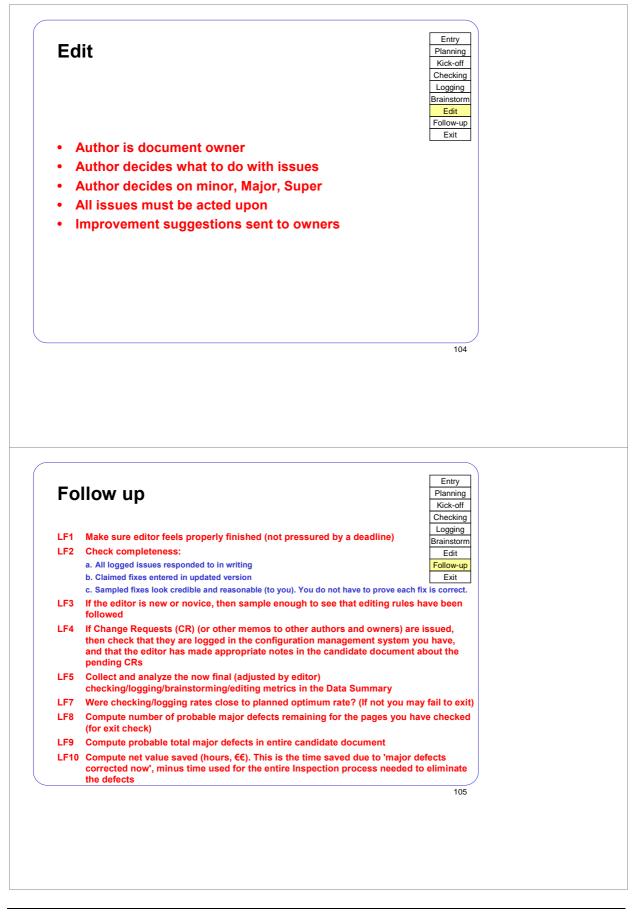




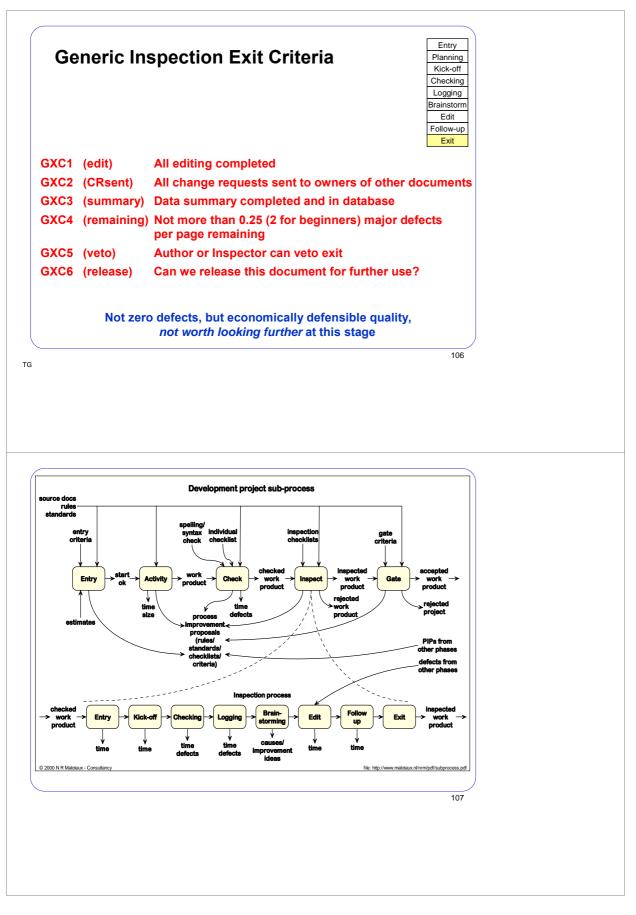
Booklets: www.malotaux.nl/nrm/pdf/MxEvo.pdf www.malotaux.nl/nrm/pdf/EvoTesting.pdf www.malotaux.nl/nrm/pdf/TimeLine.pdf

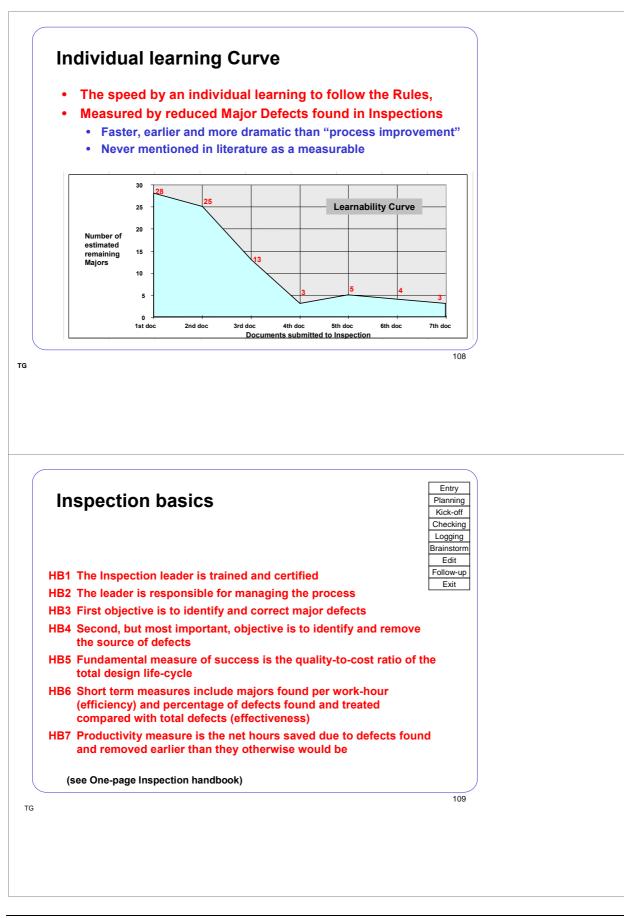
- www.malotaux.nl/nrm/pdf/Booklet2.pdf





Booklets:



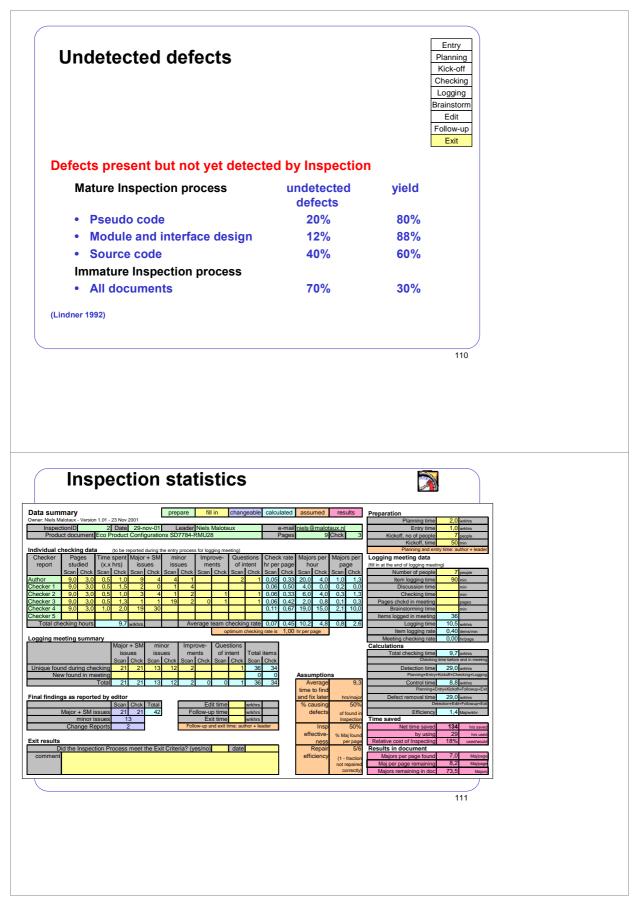


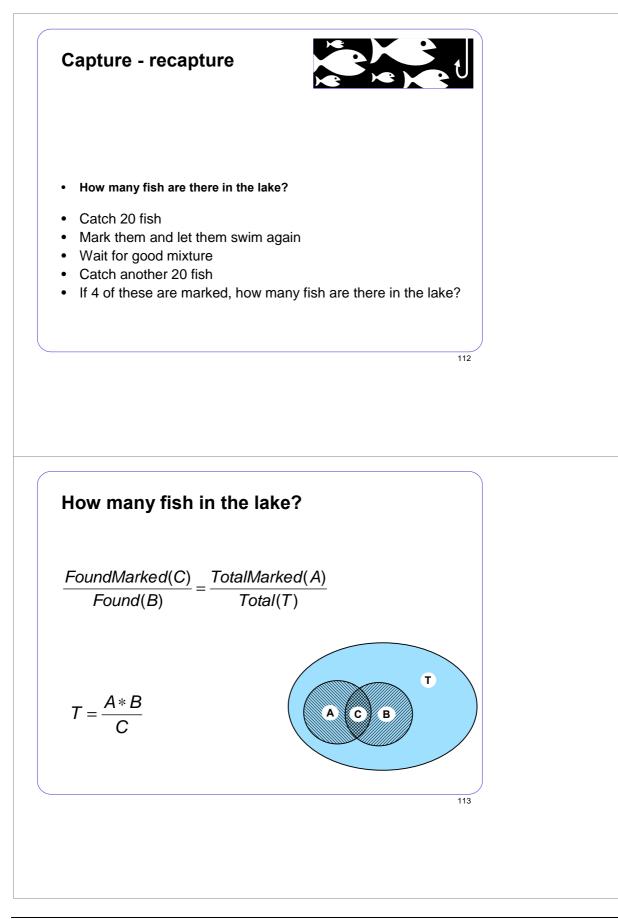
Booklets:

- www.malotaux.nl/nrm/pdf/Booklet2.pdf

www.malotaux.nl/nrm/pdf/EvoRisk.pdf

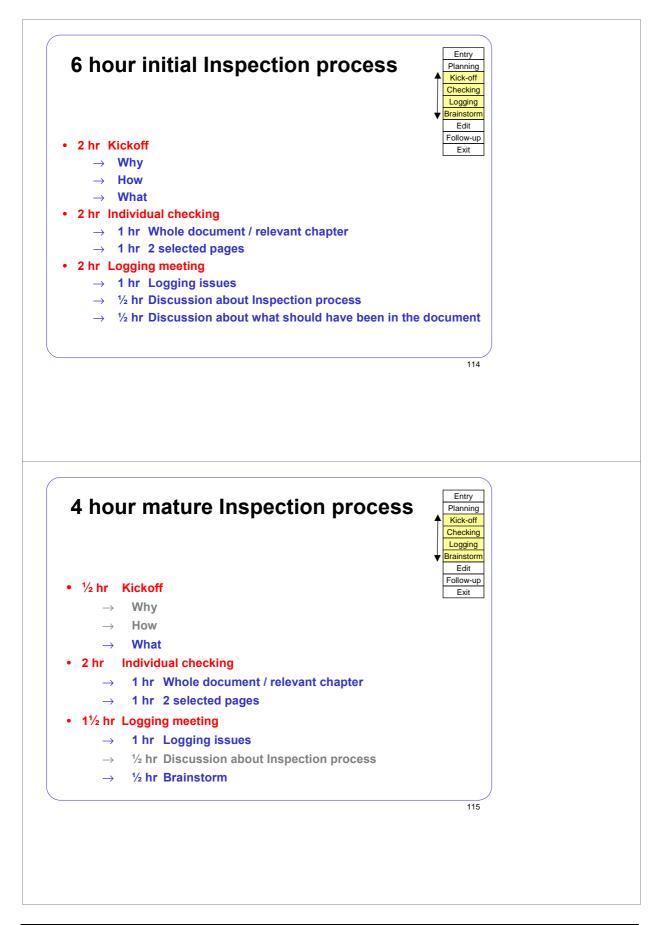
_

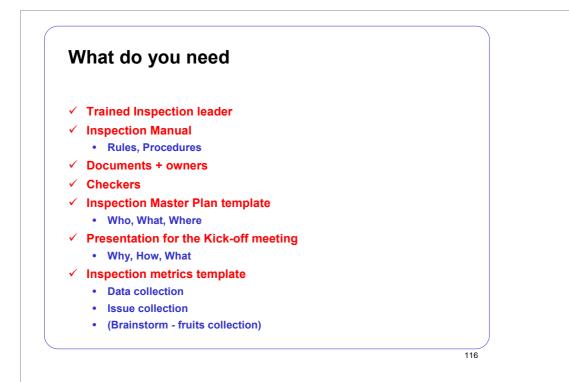




Booklets:

- www.malotaux.nl/nrm/pdf/Booklet2.pdf

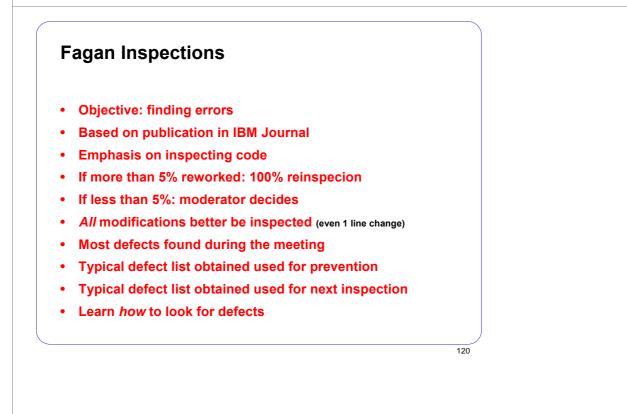




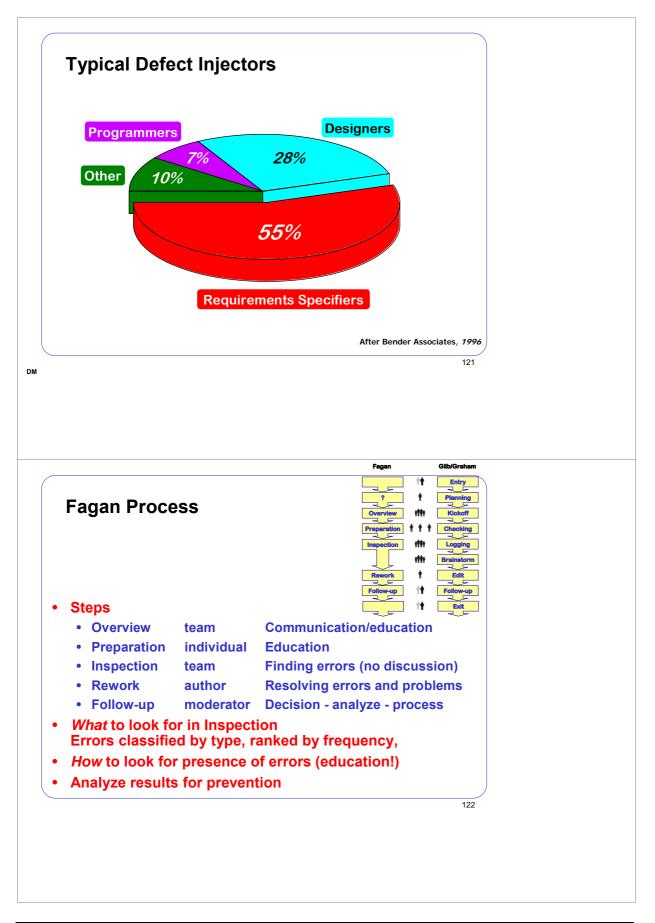
- www.malotaux.nl/nrm/pdf/Booklet2.pdf

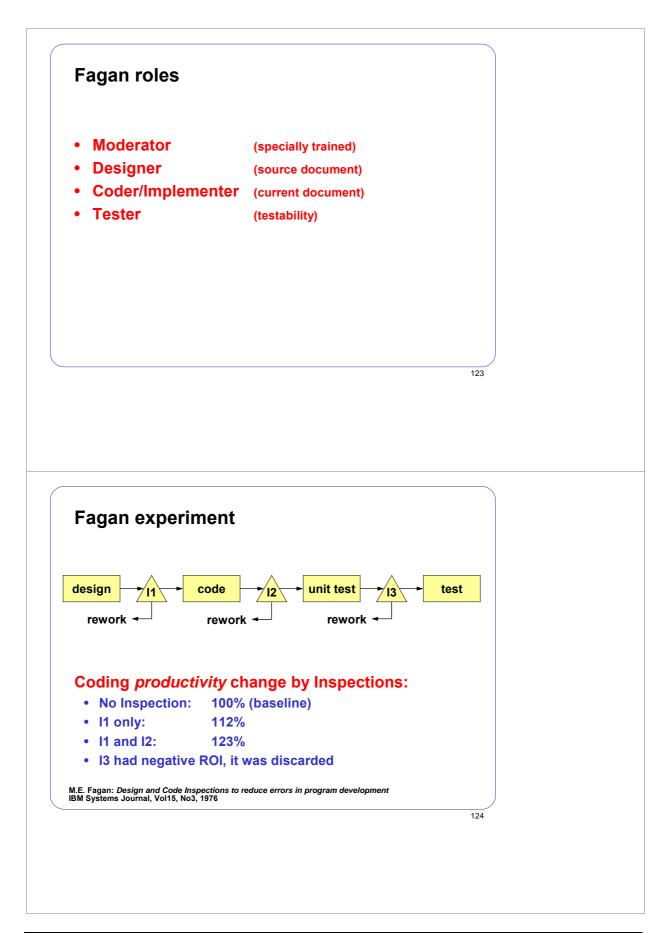
	ectio cise	n	
Niels Malotaux	N Cor	R Malotaux Insultancy	
+31-30-228 88 68	niels@malotaux.nl	www.malotaux.nl	
Inspection Ex	ercise	Recommended Timings Planning: ~20 min	
inspection Ex	ercise	Planning: ~20 min Checking: 60 min Logging: ~20 min Data Summary: ~20 min	
Planning Choose a team (m Choose a product Choose a sample Make your Master Collect All logically n All necessary 	ercise naximum 3 people), one plays document to Inspect and Ex in the product document to la Plan, using Master Plan tem recessary source and kin doc rules (standards, guidelines y and Exit Conditions for the	Planning: -20 min Checking: 60 min Logging: -20 min Data Summary: -20 min Debrief -20 min "Leader" it nspect (1 logical page) plate uments , policies)	





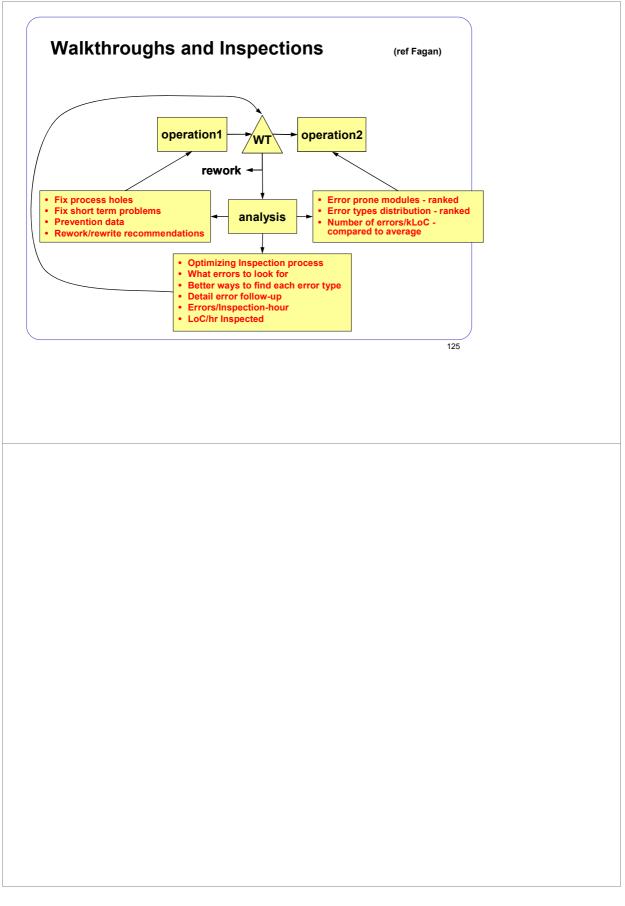
- www.malotaux.nl/nrm/pdf/Booklet2.pdf





Booklets:

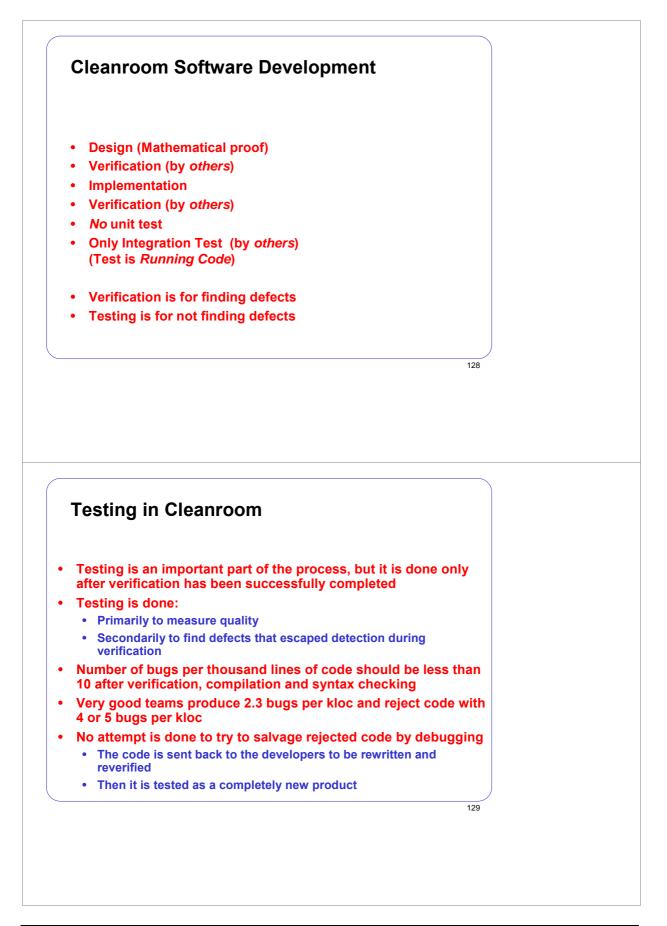
- www.malotaux.nl/nrm/pdf/Booklet2.pdf

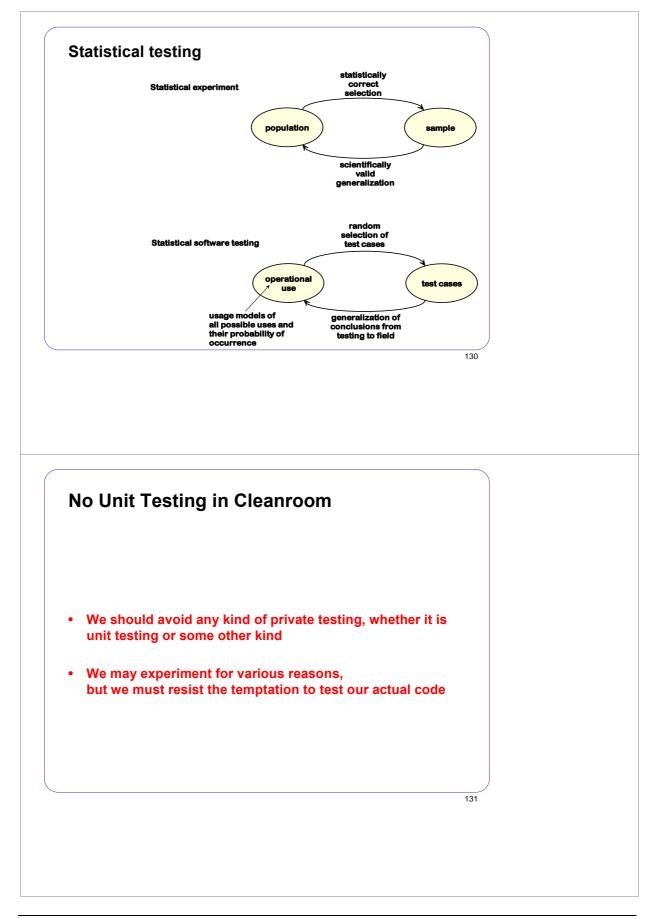


Insp	ectio	ons	
liels Malotaux		N R Malot	aux_
31-30-228 88 68	niels@malotaux.nl	www.malo	otaux.nl
liels Malotaux, Tom Gilb (TG), Don Mills (D	ronically or on paper for any useful purpose e M), Dorothy Graham/Grove Consultants (DG) are distributing to many people.		
			126
Cleanroom	(ref Allan M. Stavely: <i>To</i>	ward Zero Defect Progra	umming)
Cleanroom	(ref Allan M. Stavely: <i>To</i>	ward Zero Defect Progra	imming)
The purpose is to	eliminate defects	ward Zero Defect Progra	umming)
The purpose is to Exit criterion for	o eliminate defects design:	-	
The purpose is to Exit criterion for • One design star Checklists of type	o eliminate defects design: tement materializes as ical errors we make	3 to 10 code stater	
The purpose is to Exit criterion for • One design stat Checklists of type No Unit Test - De	o eliminate defects design: tement materializes as	3 to 10 code stater	
The purpose is to Exit criterion for • One design star Checklists of typi No Unit Test - De Testing:	o eliminate defects design: tement materializes as ical errors we make	3 to 10 code stater software !	
Exit criterion for (• One design star Checklists of typi No Unit Test - Der Testing: • Finding as man • Too many error	o eliminate defects design: tement materializes as ical errors we make veloper does not run by of the remaining defe is discovered	3 to 10 code stater software ! ects as possible	
The purpose is to Exit criterion for o • One design stat Checklists of typi No Unit Test - De Testing: • Finding as man • Too many error → previous ste	o eliminate defects design: tement materializes as ical errors we make veloper does not run	3 to 10 code stater a software ! ects as possible properly	
The purpose is to Exit criterion for o • One design stat Checklists of typi No Unit Test - De Testing: • Finding as man • Too many error → previous ste	o eliminate defects design: tement materializes as ical errors we make veloper does not run y of the remaining defe s discovered ps are not being done p	3 to 10 code stater a software ! ects as possible properly	

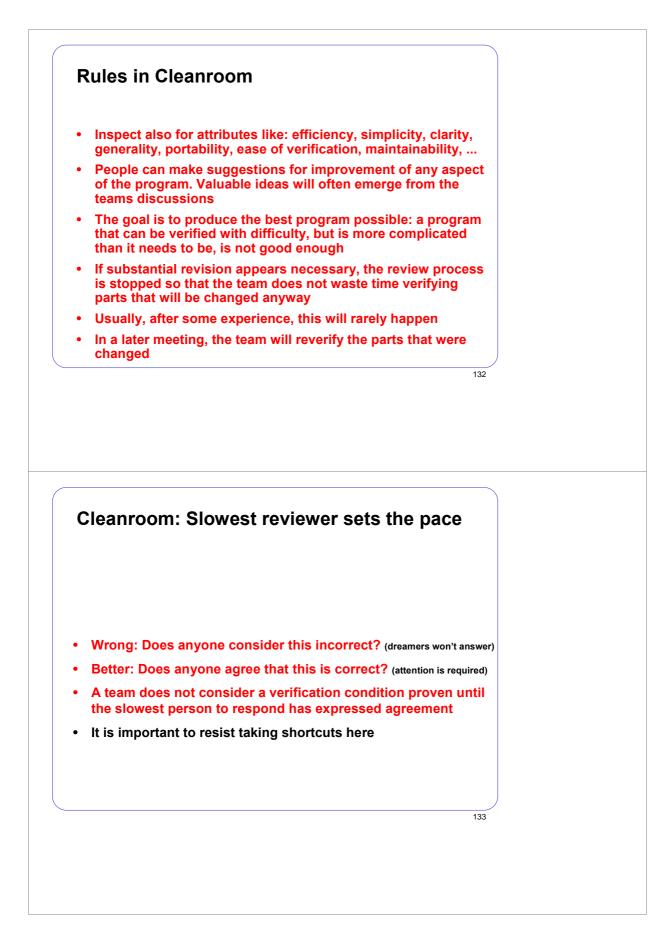
Booklets:

www.malotaux.nl/nrm/pdf/Booklet2.pdfwww.malotaux.nl/nrm/pdf/EvoRisk.pdf





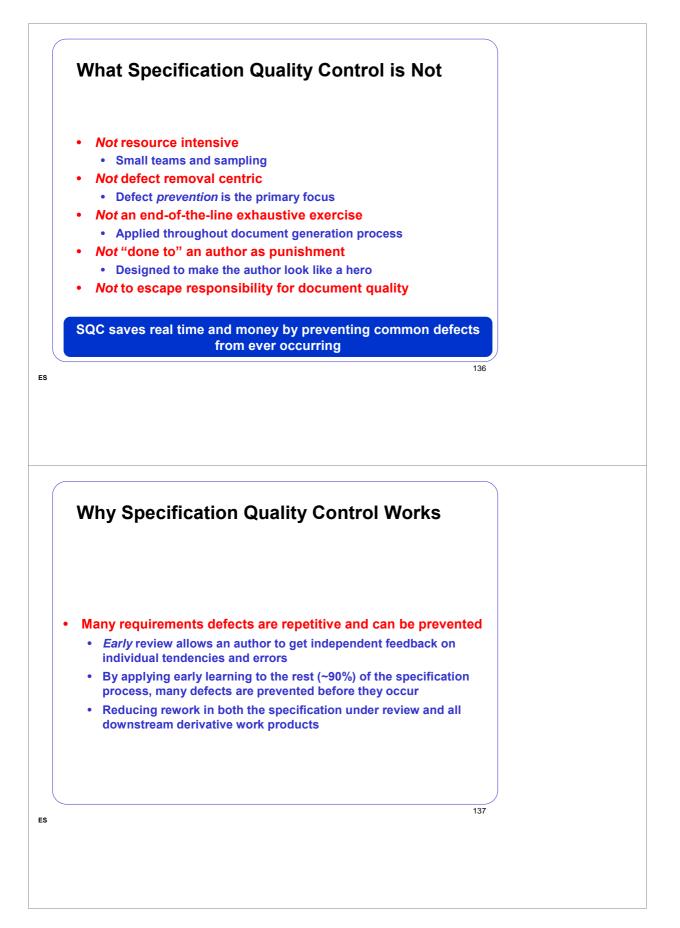
- www.malotaux.nl/nrm/pdf/Booklet2.pdf

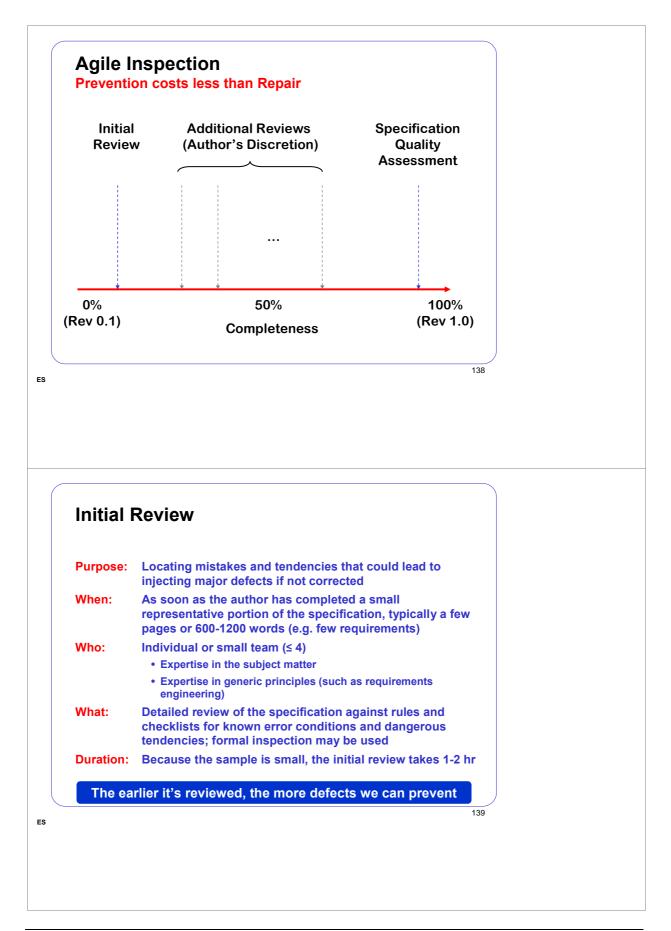


(Agile Ir	ispection)		
Niels Malotaux	N Con	R Malotaux	
(Niels Malotaux, Tom Gilb (TG), Don Mills	niels@malotaux.nl ectronically or on paper for any useful purpose except (DM), Dorothy Graham/Grove Consultants (DG), Erik S u are distributing to many people. Version	www.malotaux.nl sale for profit. You must include credit of source immons (ES) and this Permission notice. NRM2.02 - 17 October 2007	
What is Speci	fication Quality C	ontrol?	
 For ensuring the goals according 	at specifications meet es to objective, measured s ality Control emphasize	tablished quality standards	
 For ensuring the goals according Specification Que Cost and TTM Defect preven Resource efficient Early learning 	at specifications meet es to objective, measured uality Control emphasize reduction tion ciency	tablished quality standards	
 For ensuring the goals according Specification Que Cost and TTM Defect preven Resource efficient Early learning Author confidient 	at specifications meet es to objective, measured uality Control emphasize reduction tion ciency	tablished quality standards	

Booklets:

- www.malotaux.nl/nrm/pdf/Booklet2.pdf



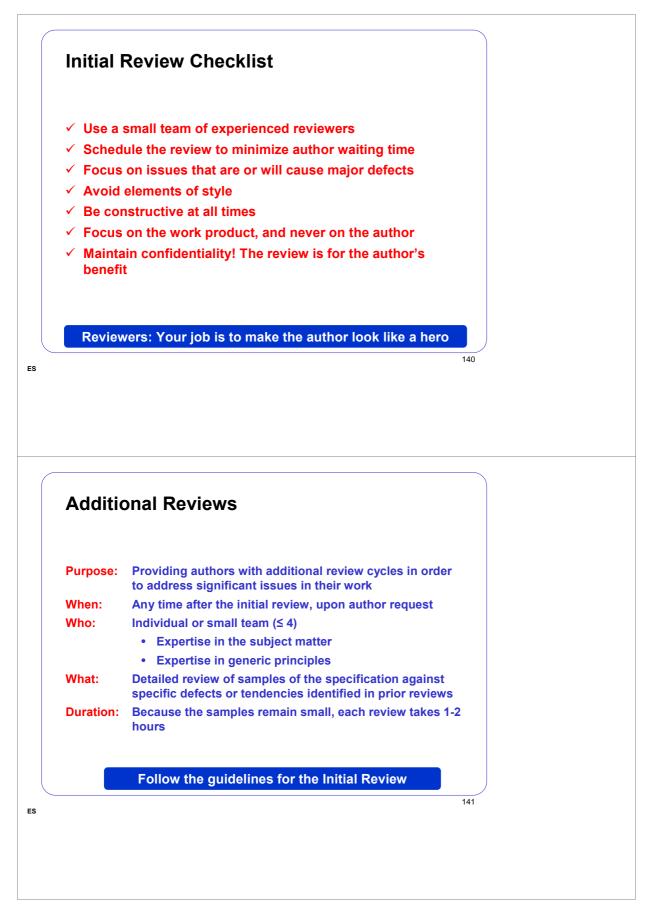


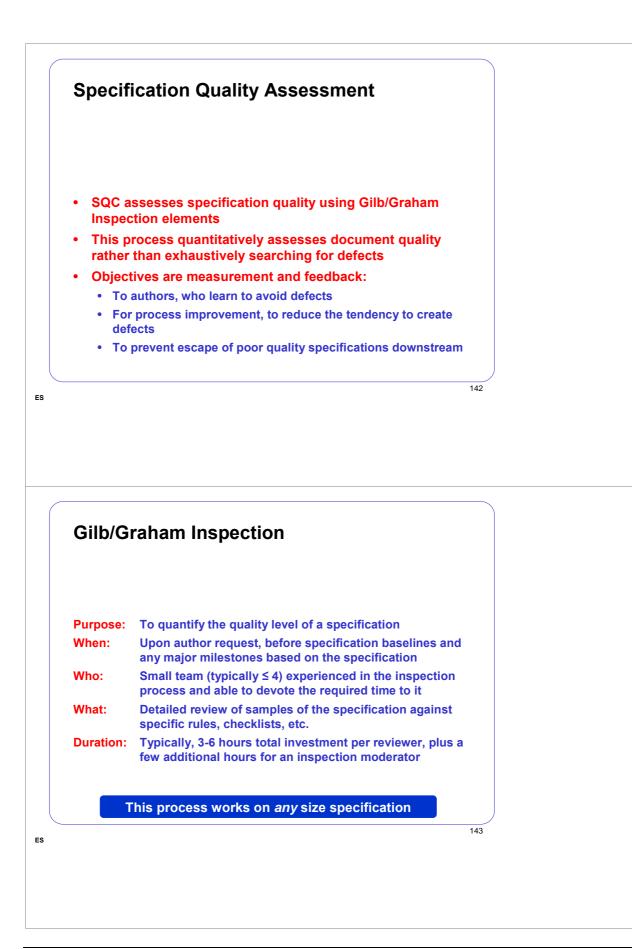
Booklets:

- www.malotaux.nl/nrm/pdf/Booklet2.pdf

www.malotaux.nl/nrm/pdf/EvoRisk.pdf

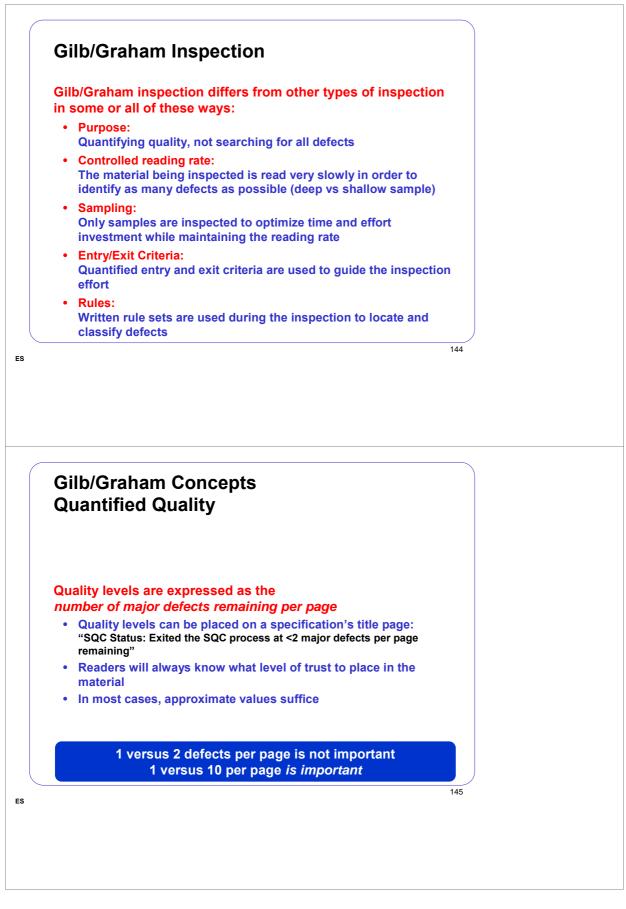
-

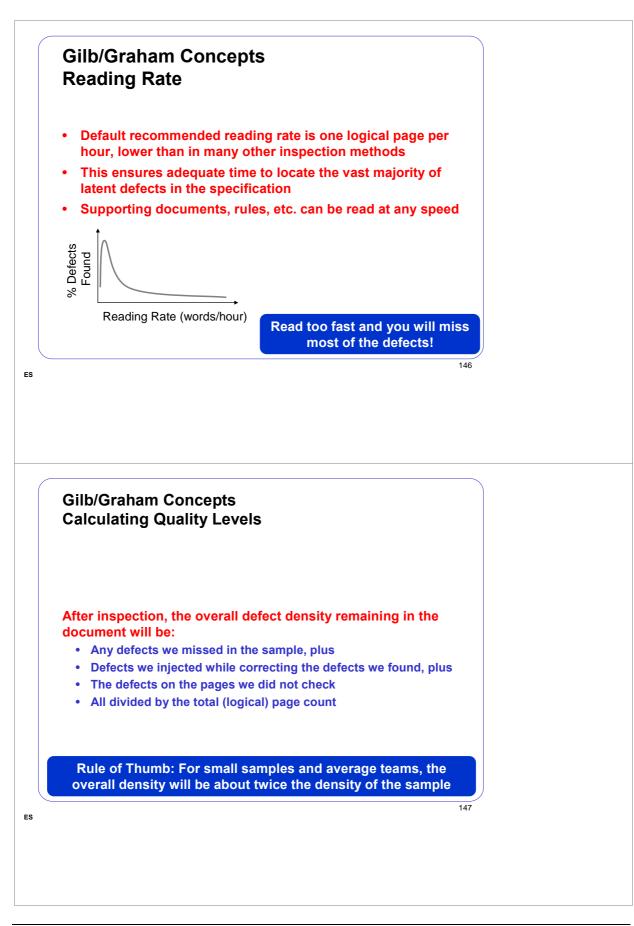




Booklets:

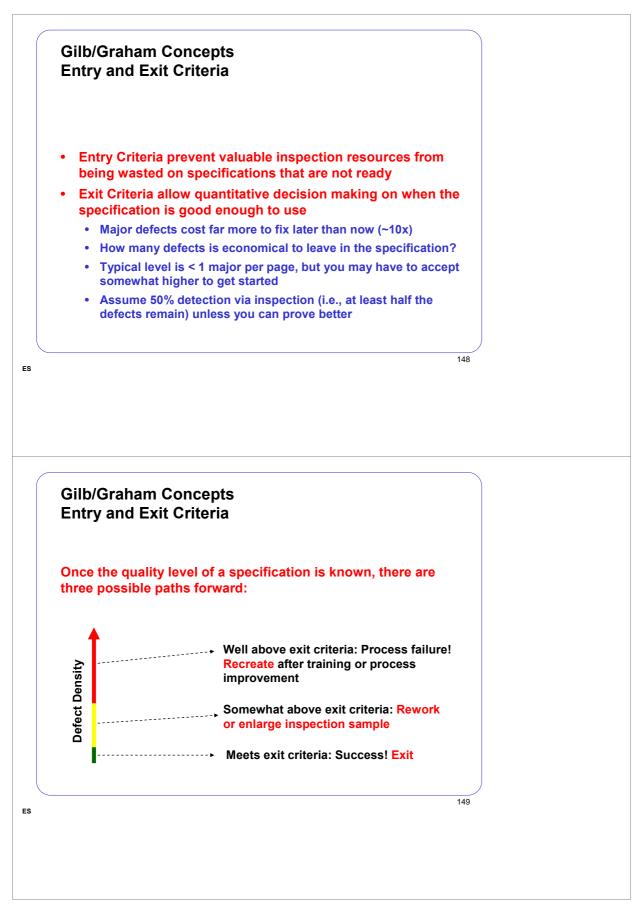
- www.malotaux.nl/nrm/pdf/Booklet2.pdf

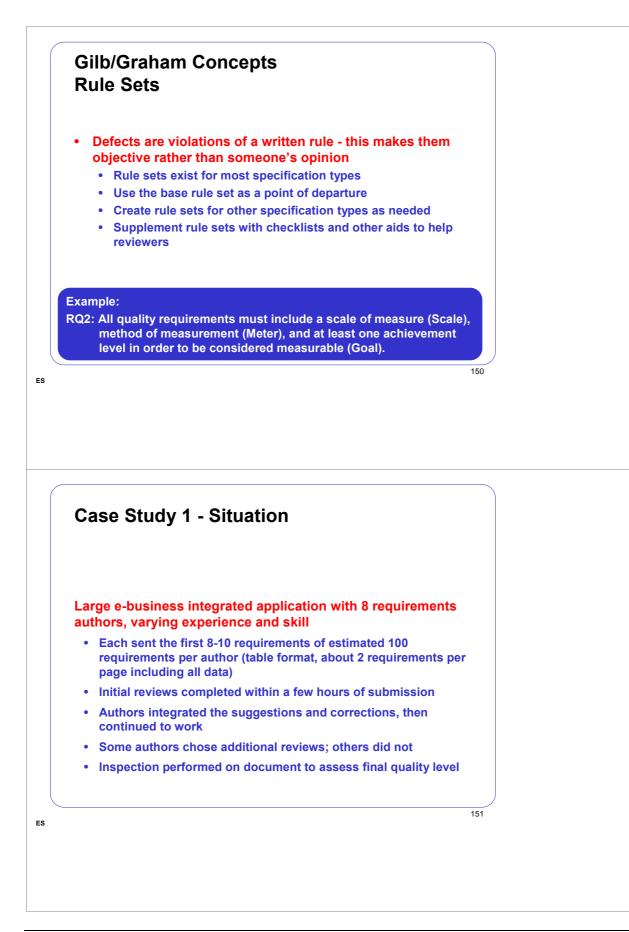




Booklets:

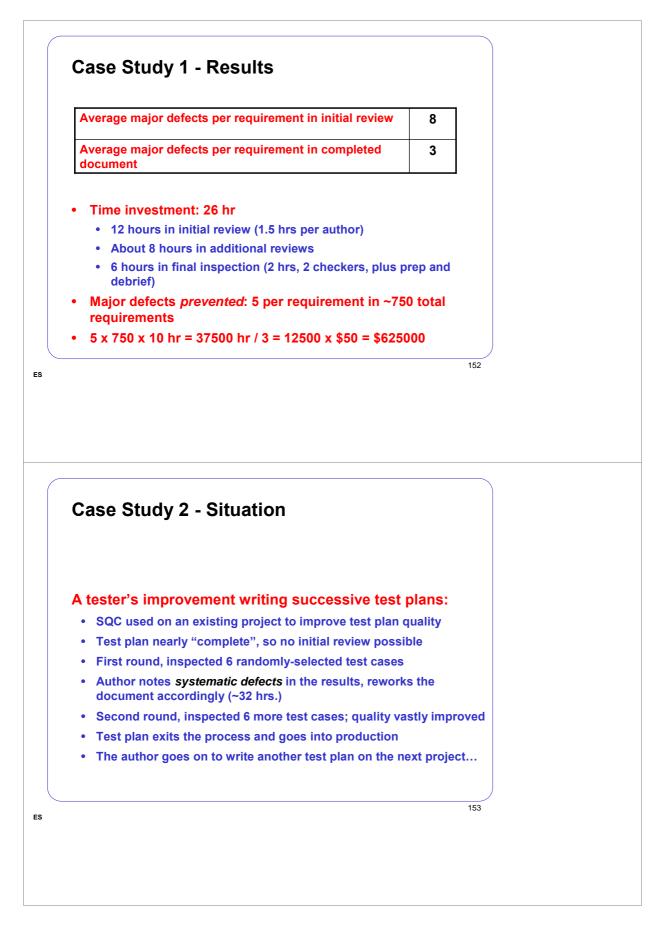
- www.malotaux.nl/nrm/pdf/Booklet2.pdf

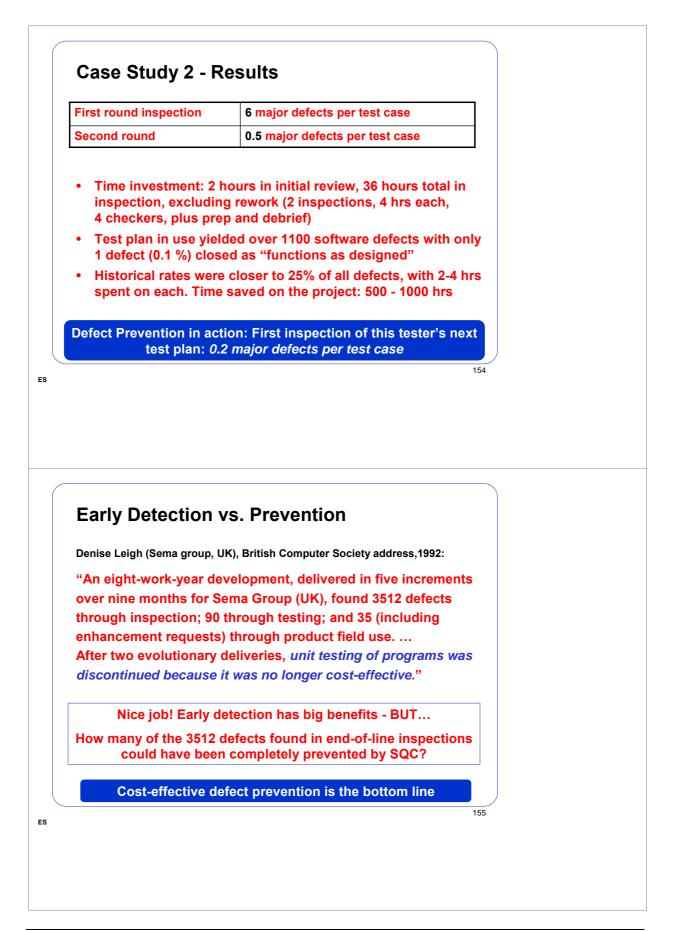




Booklets:

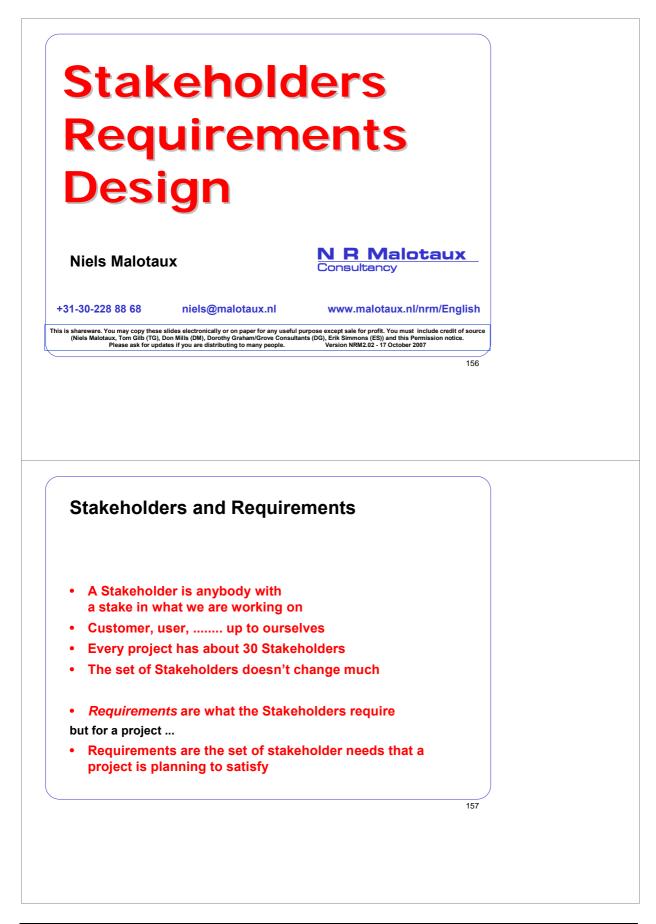
⁻ www.malotaux.nl/nrm/pdf/Booklet2.pdf

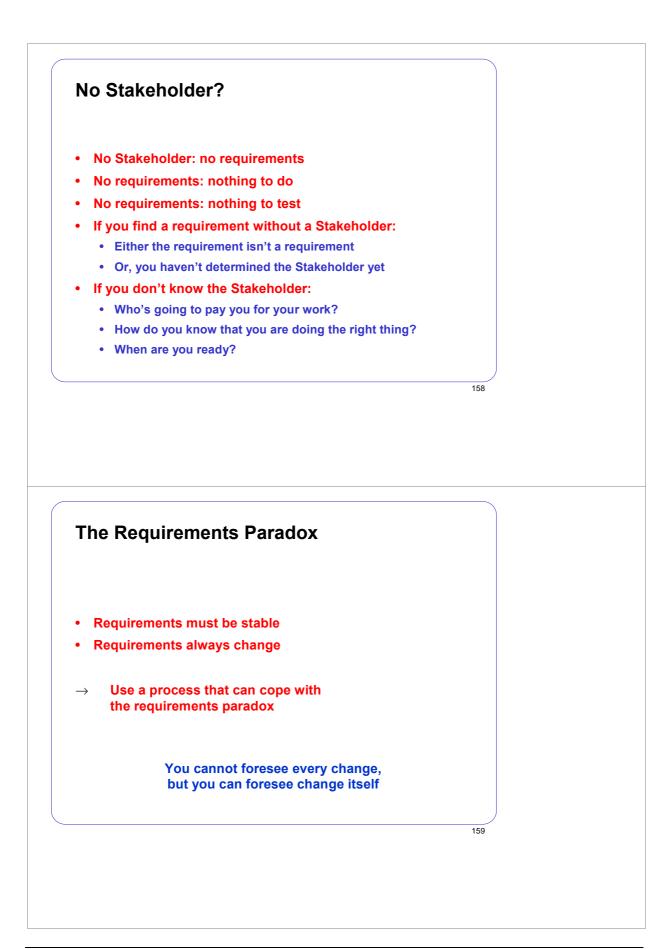




Booklets:

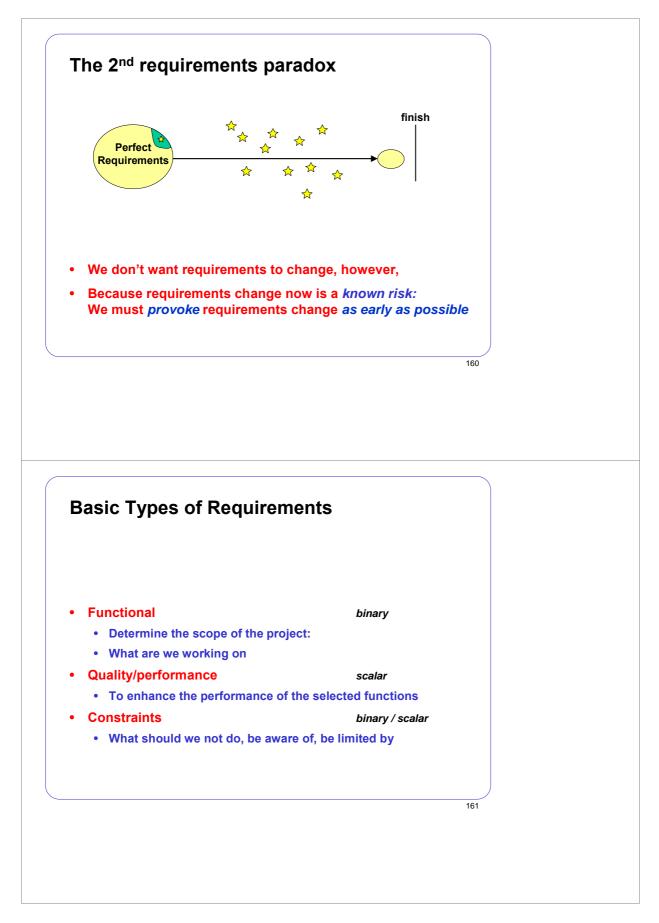
- www.malotaux.nl/nrm/pdf/Booklet2.pdf

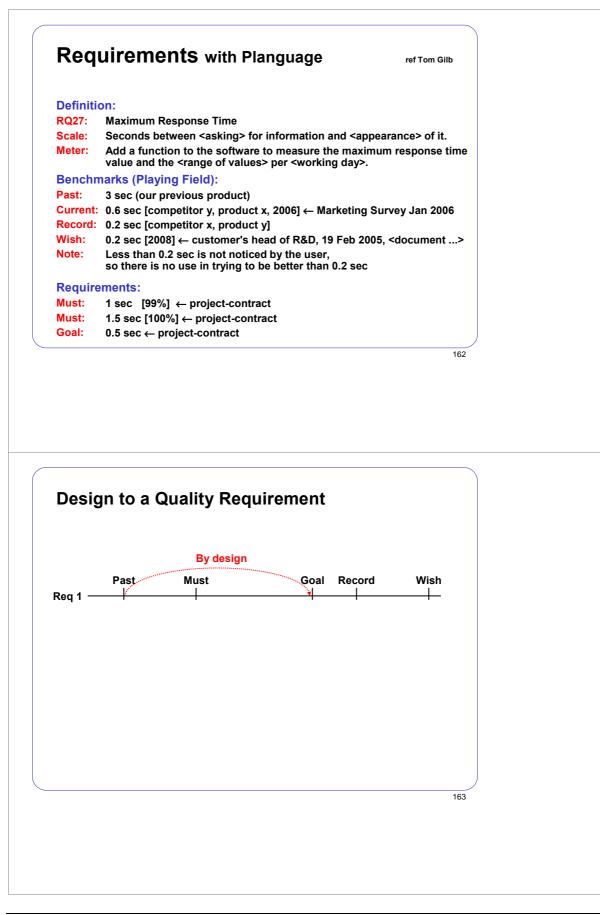




Booklets:

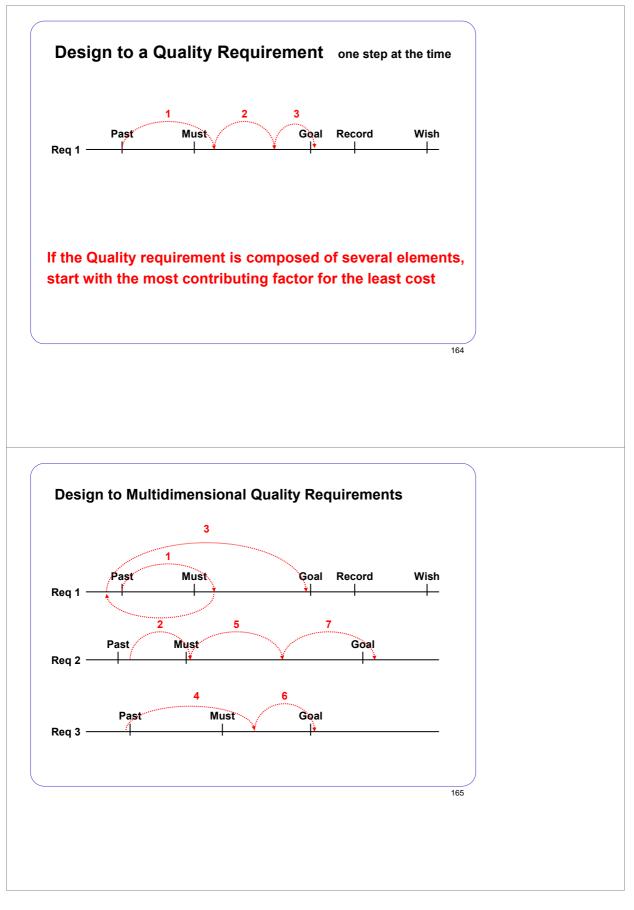
- www.malotaux.nl/nrm/pdf/Booklet2.pdf



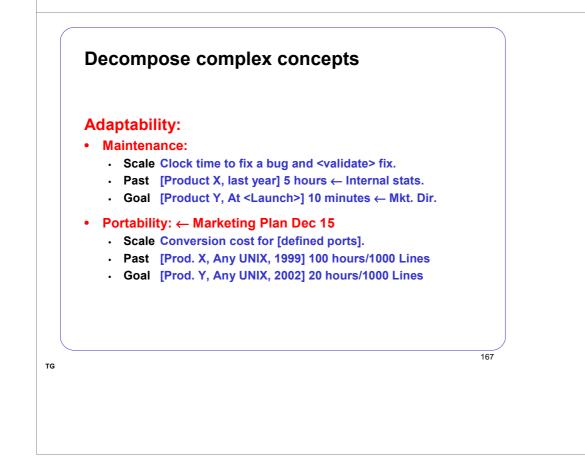


Booklets:

- www.malotaux.nl/nrm/pdf/Booklet2.pdf

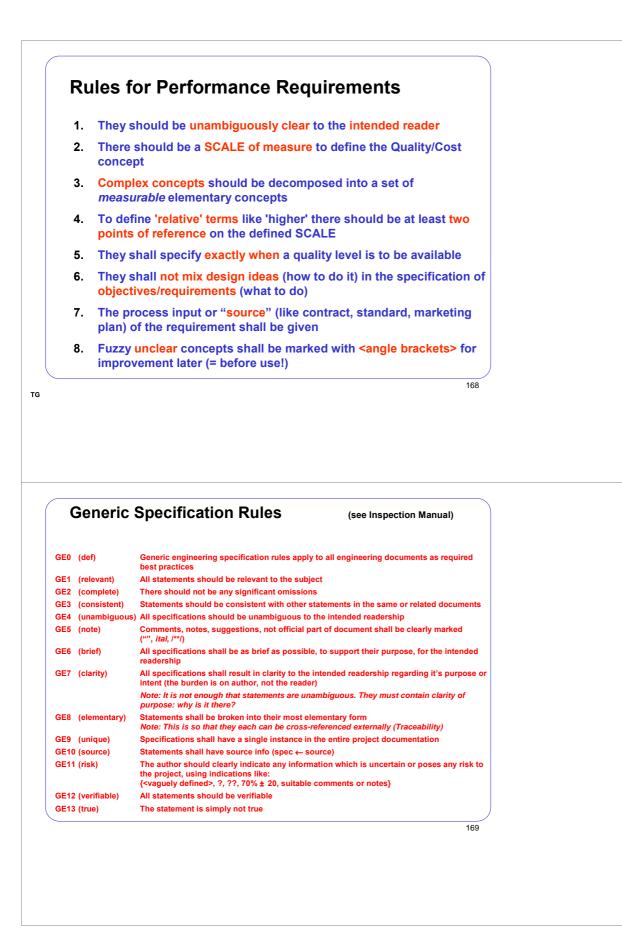


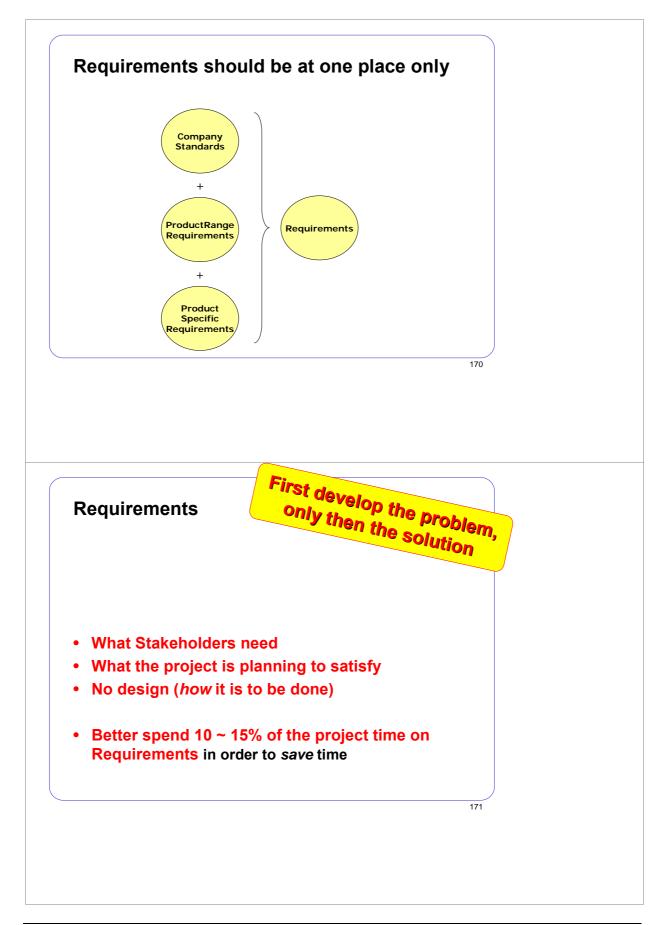
Adding performance			
Usability.Productivity:	V8.5	V9.0	
• Time to set up a typical specified report	65	20	min
Time to generate a survey	120	0.25	min
 Time to grant access to report, distribute logins to end-users 	80	5	mir
• Usability.Intuitiveness:	265	25.25	min
 Time for medium experienced programm to find out how to do 	er 15	5	mir
Capacity.RuntimeConcurrency			
 Max number of concurrent users, click-rate 20 sec, response time < 0.5 sec 	250	6000	users



Booklets:

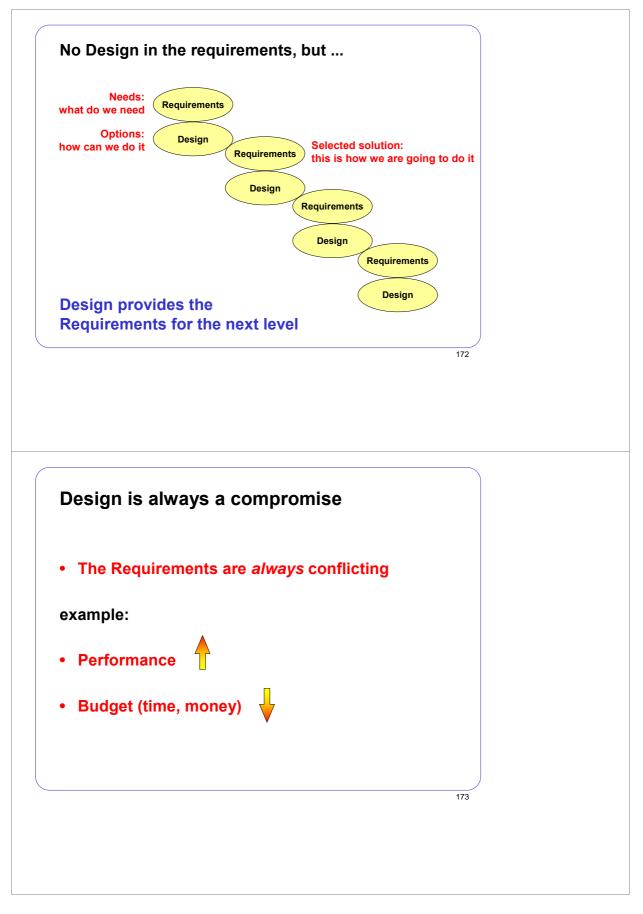
- www.malotaux.nl/nrm/pdf/Booklet2.pdf

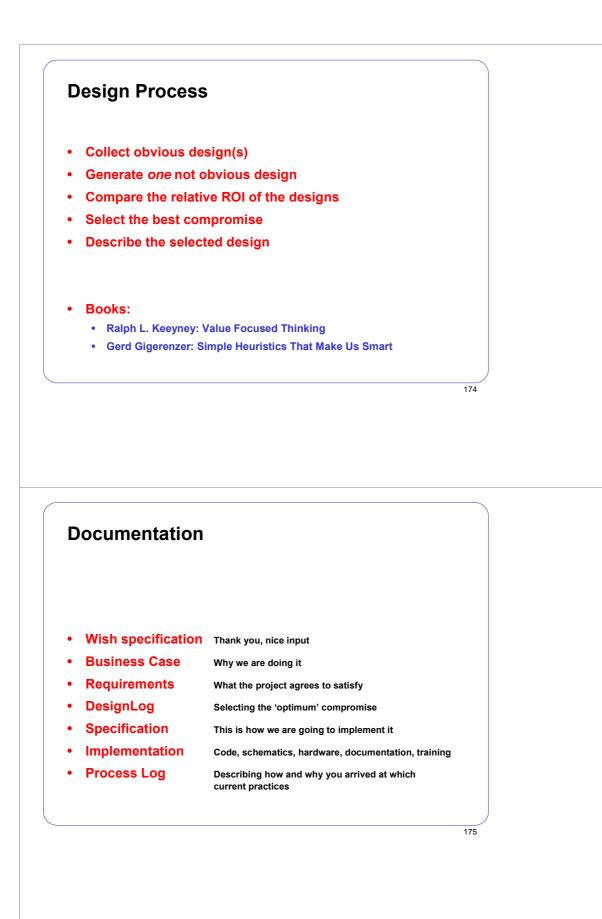




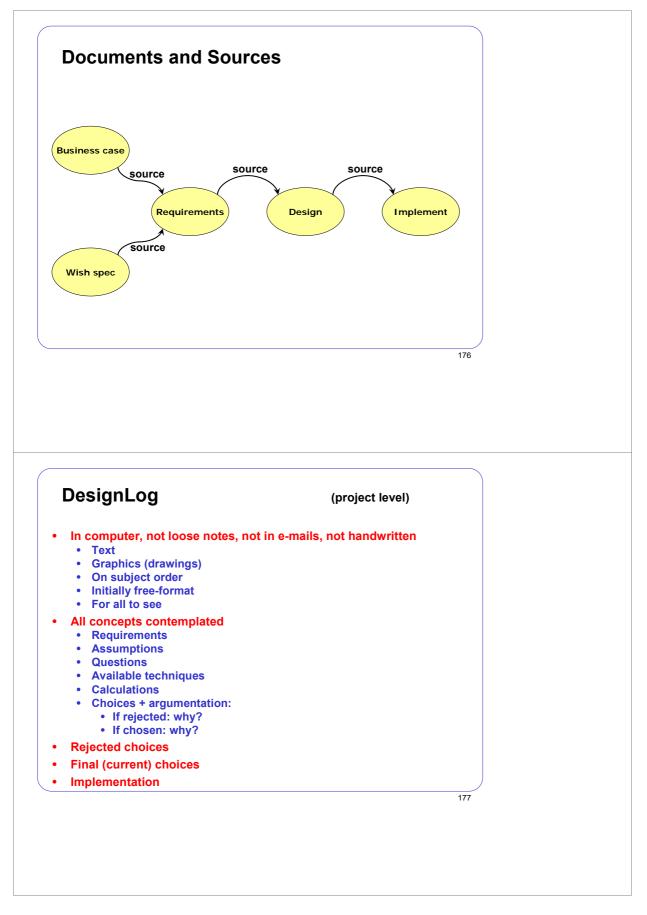
Booklets: www.malotaux.nl/nrm/pdf/MxEvo.pdf www.malotaux.nl/nrm/pdf/EvoTesting.pdf www.malotaux.nl/nrm/pdf/TimeLine.pdf

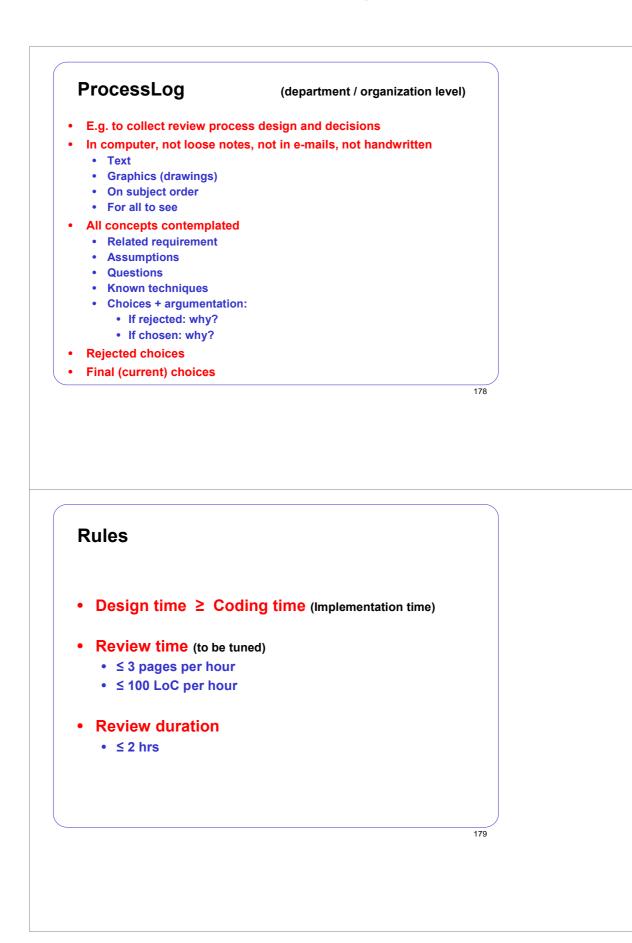
- www.malotaux.nl/nrm/pdf/Booklet2.pdf





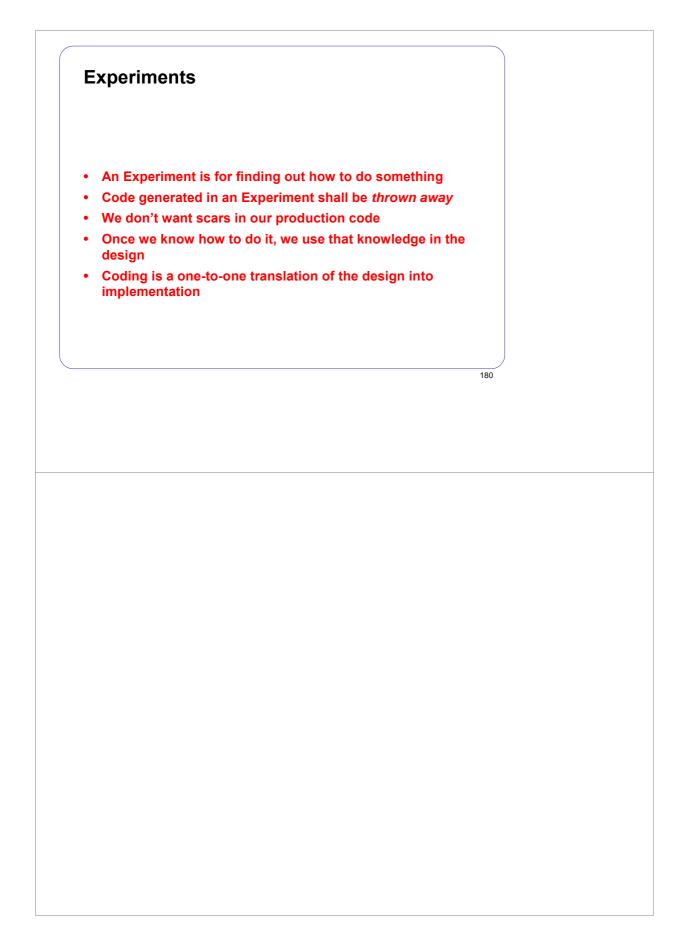
- www.malotaux.nl/nrm/pdf/Booklet2.pdf



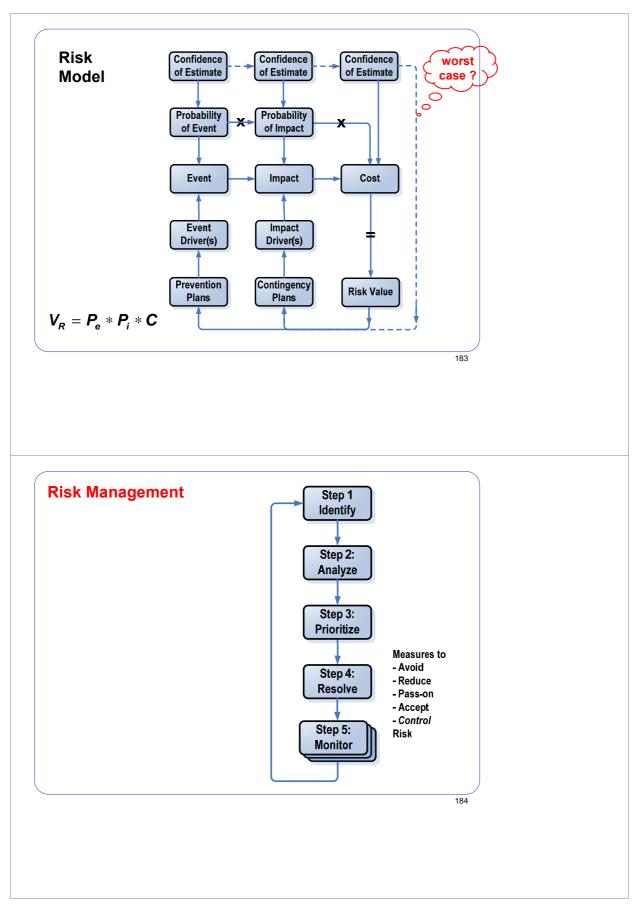


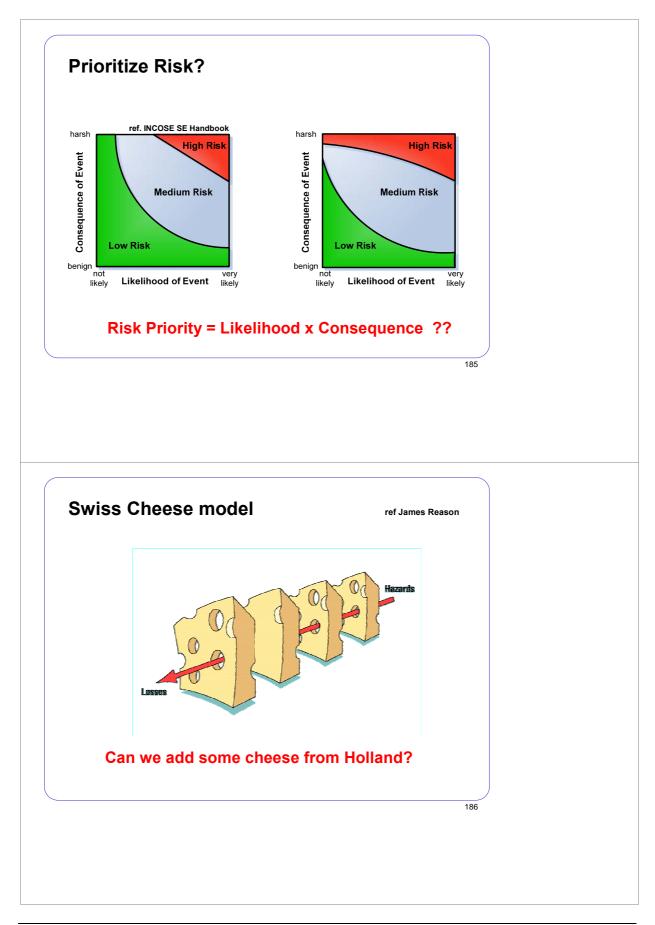
Booklets:

- www.malotaux.nl/nrm/pdf/Booklet2.pdf



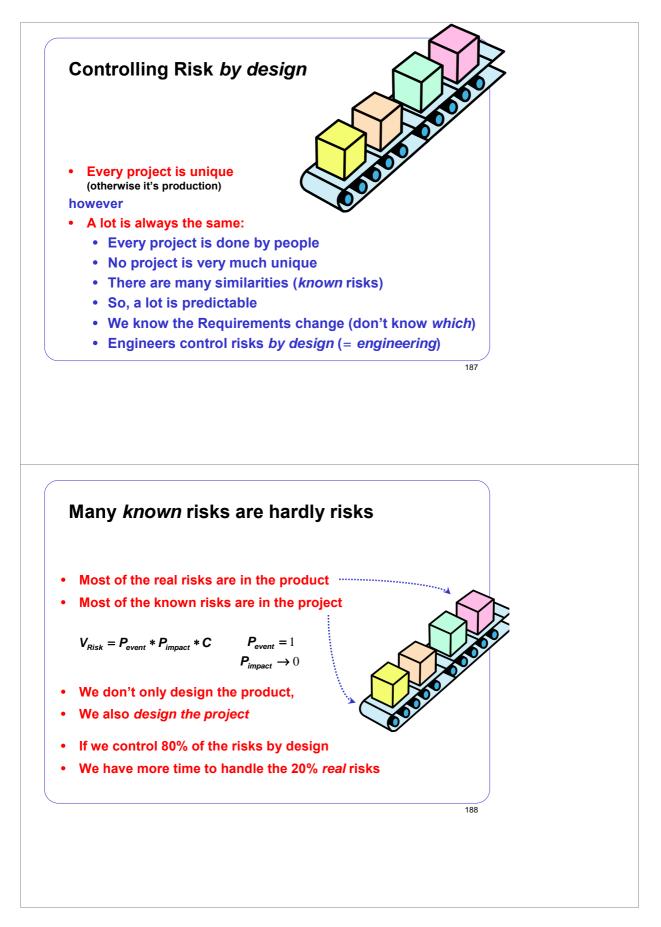
Risk				
Niels Malotaux		<mark>N R Ma</mark> Consultancy		
+31-30-228 88 68	niels@malotaux.nl	ww	w.malotaux.nl	
Risk Definition				
Risk Definition		hat,		
		hat,		
An uncertain even if it occurs, has a negative ef	nt or condition t fect	hat,		
An uncertain even	nt or condition t fect	hat,	(PMBOK)	
An uncertain even if it occurs, has a negative ef	nt or condition t fect ectives	hat,	(PMBOK)	
An uncertain even if it occurs, has a negative ef on a project's obj	nt or condition t fect ectives is not a risk			





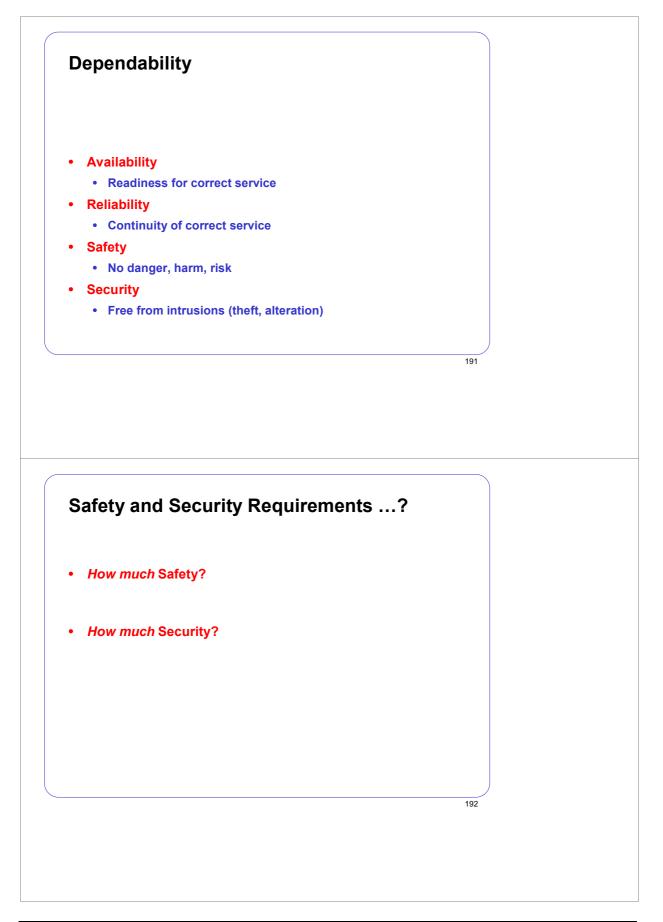
Booklets: www.malotaux.nl/nrm/pdf/MxEvo.pdf www.malotaux.nl/nrm/pdf/EvoTesting.pdf www.malotaux.nl/nrm/pdf/TimeLine.pdf

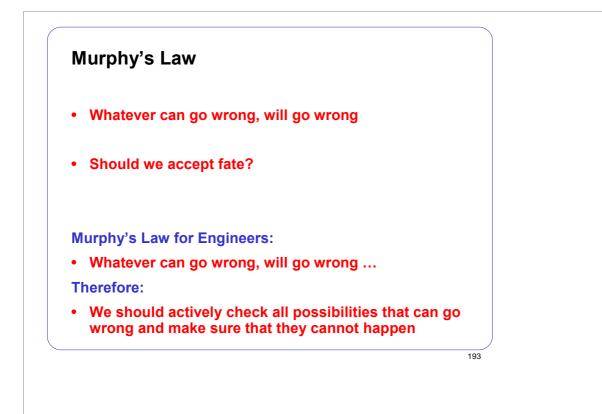
- www.malotaux.nl/nrm/pdf/Booklet2.pdf





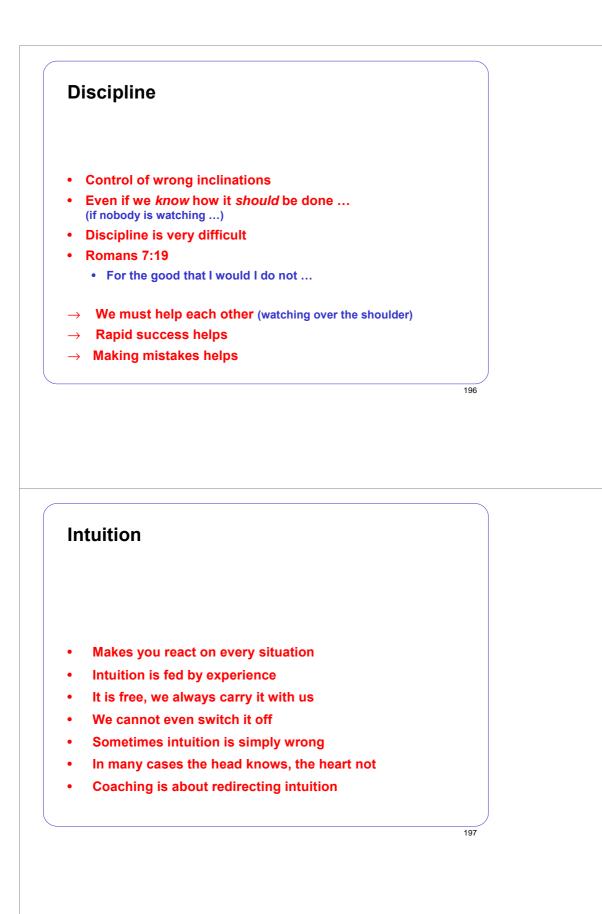
- www.malotaux.nl/nrm/pdf/Booklet2.pdf



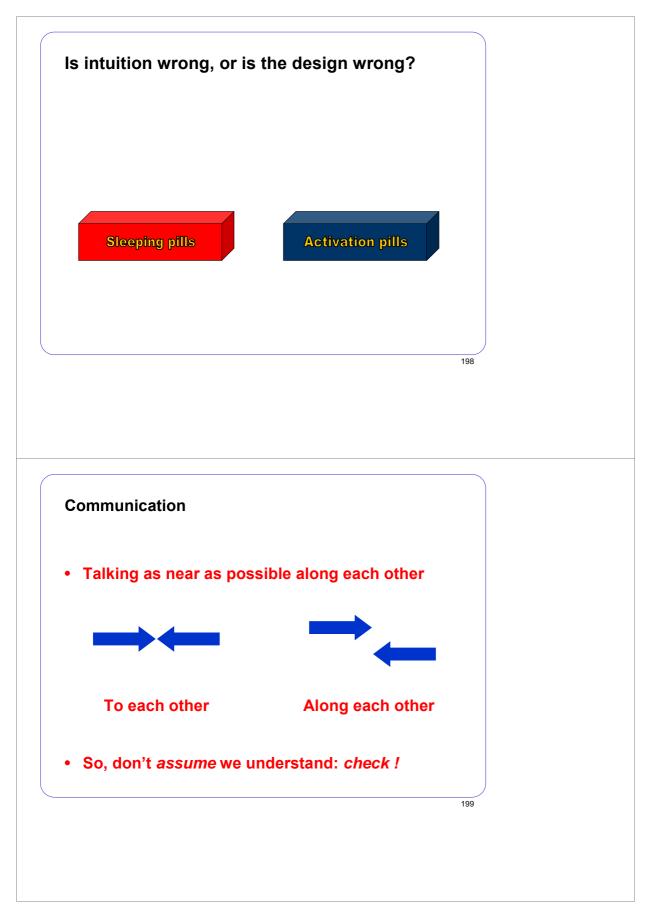


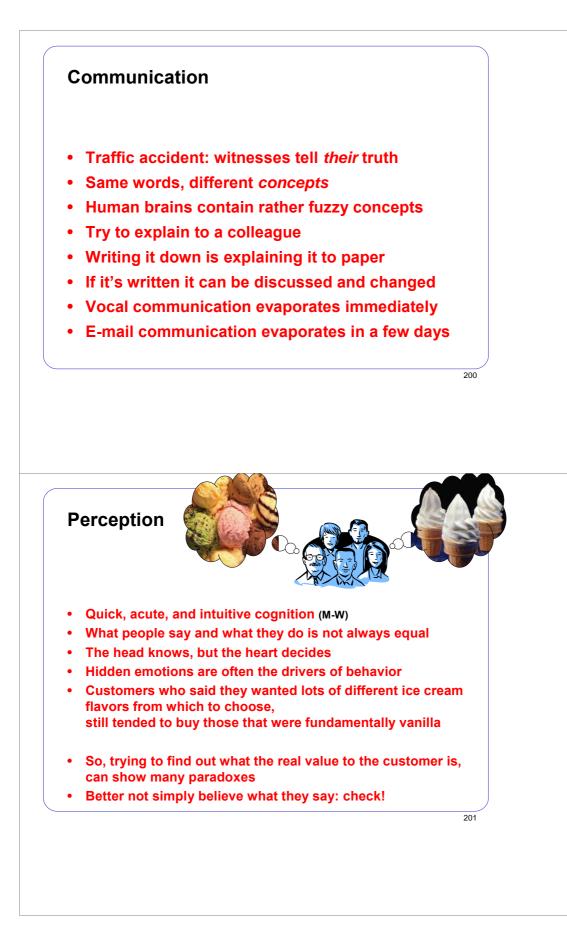
- www.malotaux.nl/nrm/pdf/Booklet2.pdf

Beha	an aviou	r
Niels Malotaux	N Cons	R Malotaux sultancy
+31-30-228 88 68	niels@malotaux.nl	www.malotaux.nl
(Niels Malotaux, Tom Gilb (TG), Don Mills (D	rronically or on paper for any useful purpose except s MM), Dorothy Graham/Grove Consultants (DG), Erik Si are distributing to many people. Version	sale for profit. You must include credit of source immons (ES)) and this Permission notice. NRM2.02 - 17 October 2007
	ceived, designed, impler , and tolerated (or not) by	
maintained, used	· · · · · · ·	• •
 People react quit 	e predictably	
People react quit	e predictably ifferently from what we i	intuitively think
 People react quit However, often d Most project procignore human be 	· ·	ll as developers) <i>me</i> behavior, or
 People react quit However, often d Most project proc ignore human be decide how peop To succeed in pro 	ifferently from what we i cess approaches (as we havior, incorrectly <i>assu</i>	II as developers) me behavior, or



- www.malotaux.nl/nrm/pdf/Booklet2.pdf

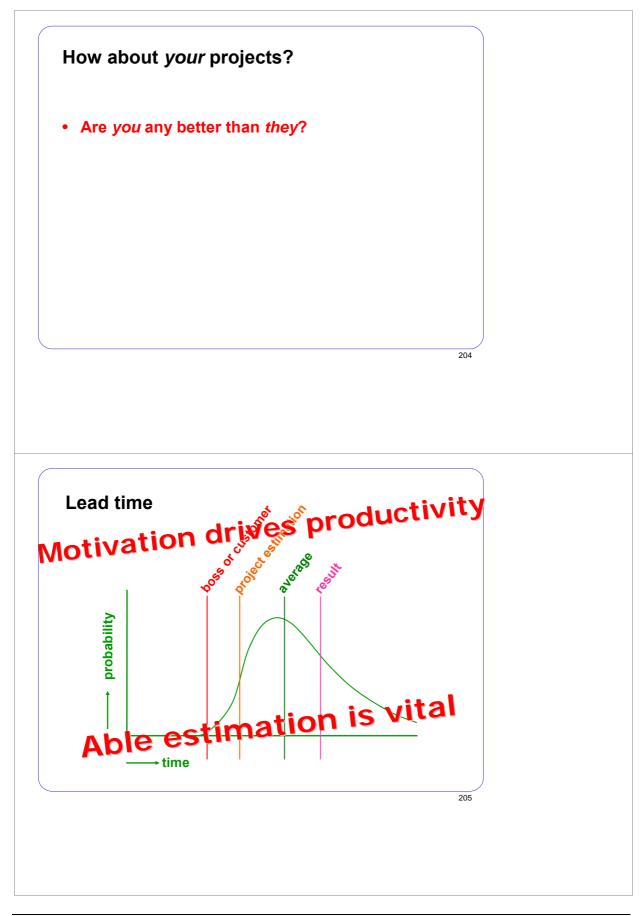




Booklets:

- www.malotaux.nl/nrm/pdf/Booklet2.pdf

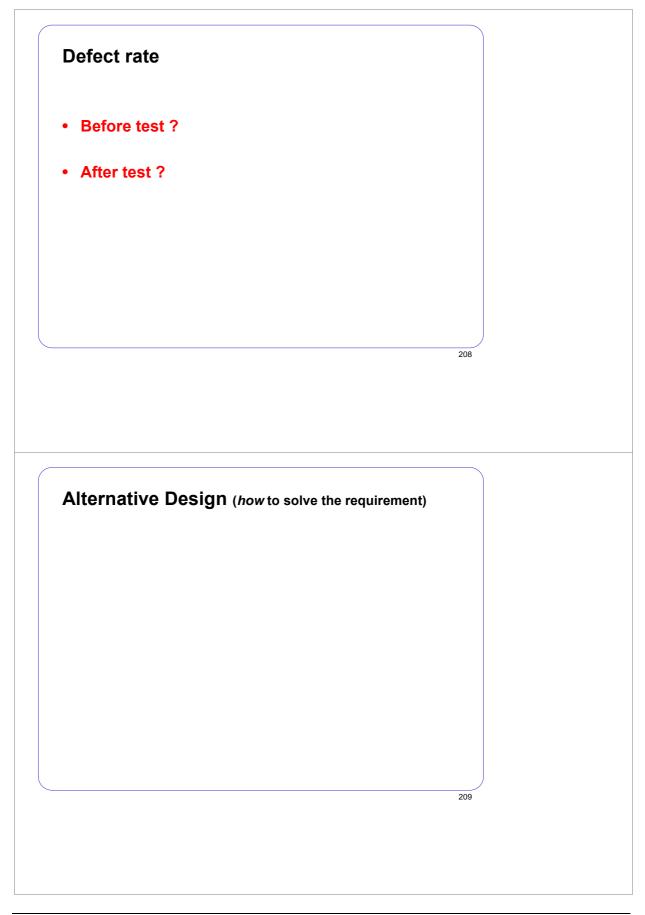
Organi your P Evoluti Projec	roject:	jement	
Niels Malotaux		R Malotaux	
(Niels Malotaux, Tom Gilb (TG), Don Mills (D	niels@malotaux.nl ronically or on paper for any useful purpose except M), Dorothy Graham/Grove Consultants (DG), Erik S are distributing to many people. Version	www.malotaux.nl safe for profit. You must include credit of source mmons (ES)) and this Permission notice. NRM2.02 - 17 October 2007 202	
The problem			
Many projects		ht Results	
 or, more positive I want my proje In shorter time 	ect to be more succ	essful	
		203	

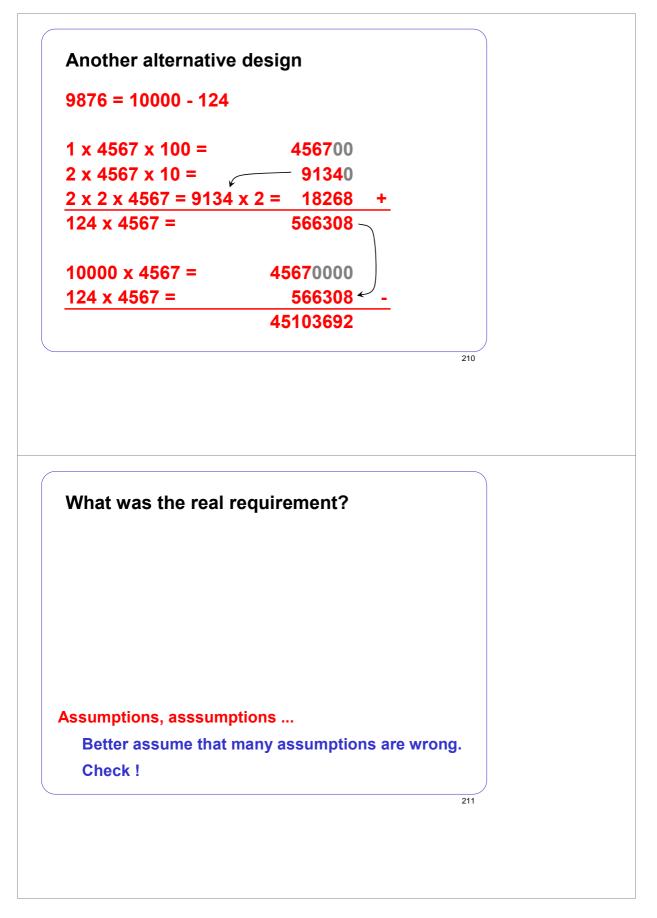


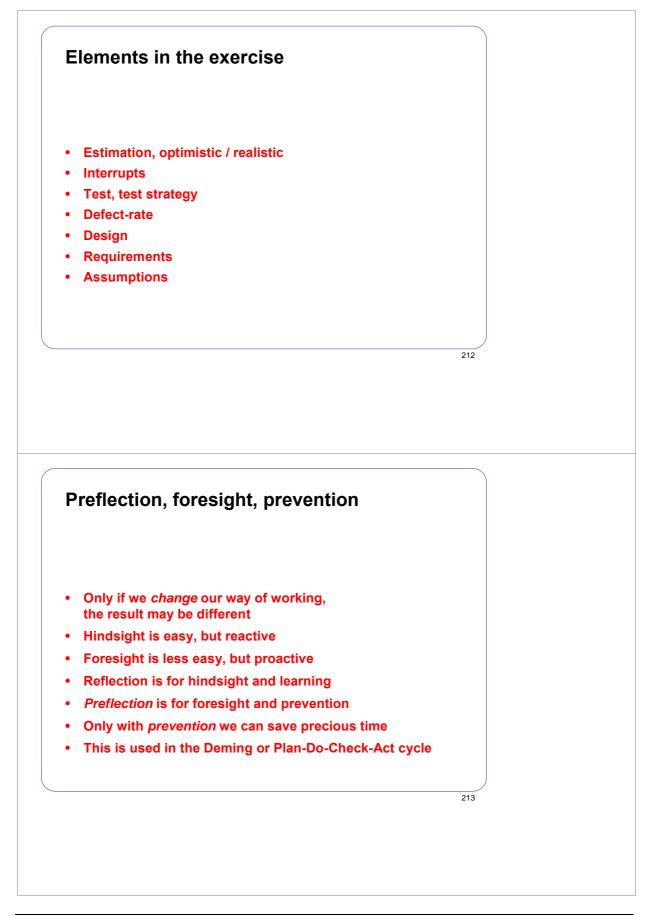
Booklets:

- www.malotaux.nl/nrm/pdf/Booklet2.pdf

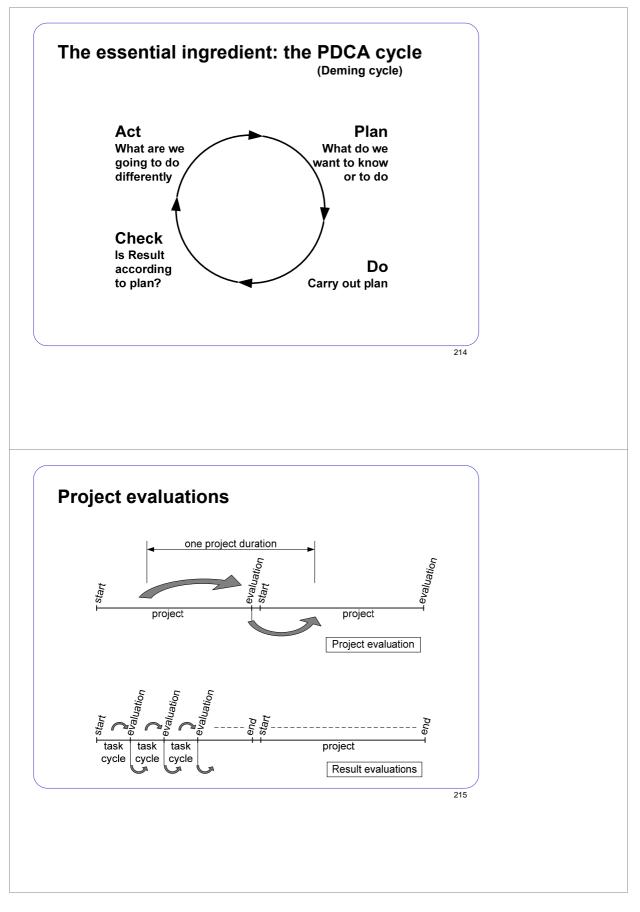
Estimation Exe	rcise	87.6.5	
Are you an optimi	stic or a realistic estimate	or?	
Let's find out !			
Project: Multiplying two n	mbers of 4 figures		
How many second Project?	Is would you need to con	nplete this	
		206	
Is this what you	ı did?		
		207	

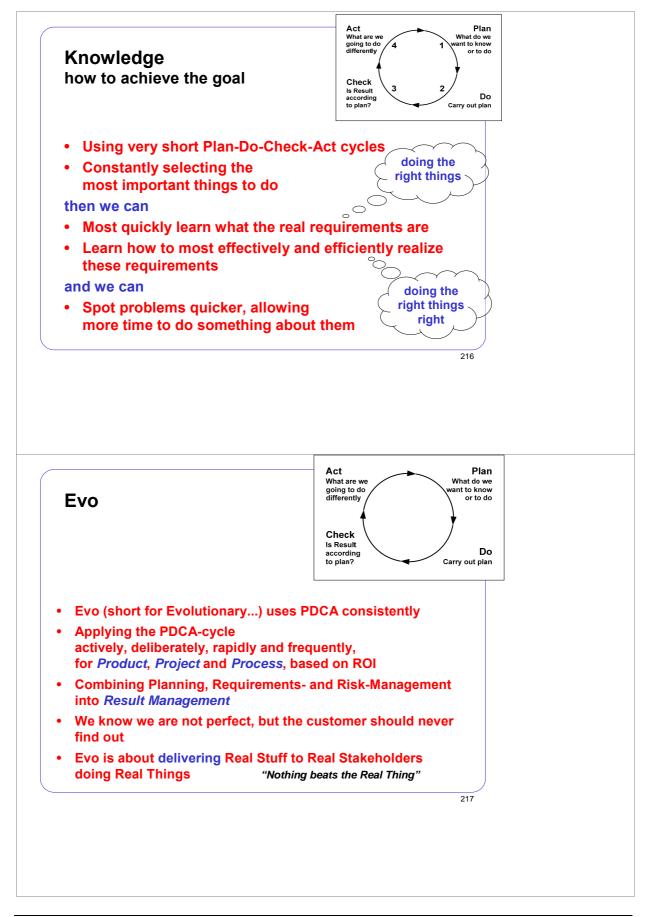






- www.malotaux.nl/nrm/pdf/Booklet2.pdf



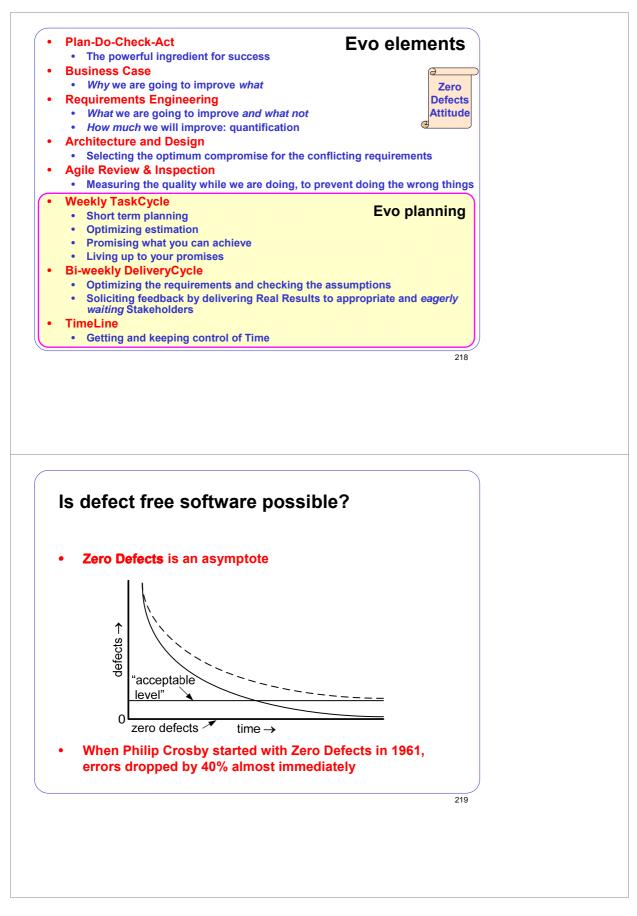


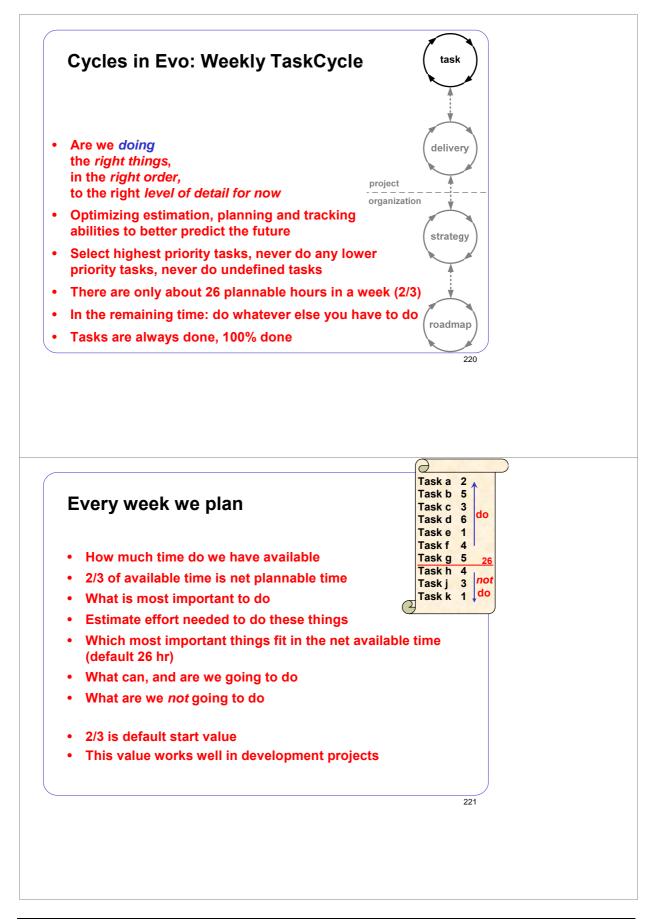
Booklets:

- www.malotaux.nl/nrm/pdf/Booklet2.pdf

www.malotaux.nl/nrm/pdf/EvoRisk.pdf

_



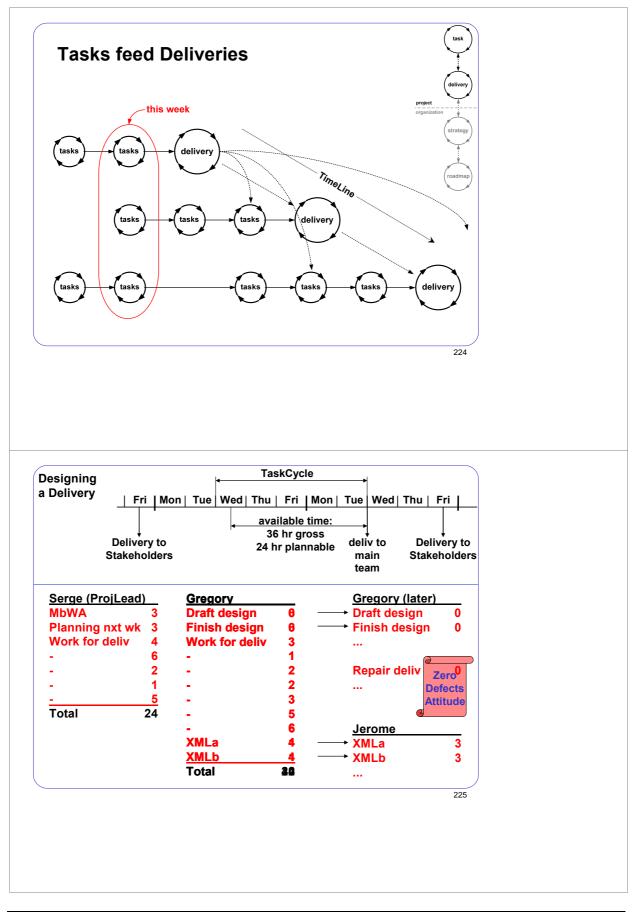


- www.malotaux.nl/nrm/pdf/Booklet2.pdf

www.malotaux.nl/nrm/pdf/EvoRisk.pdf

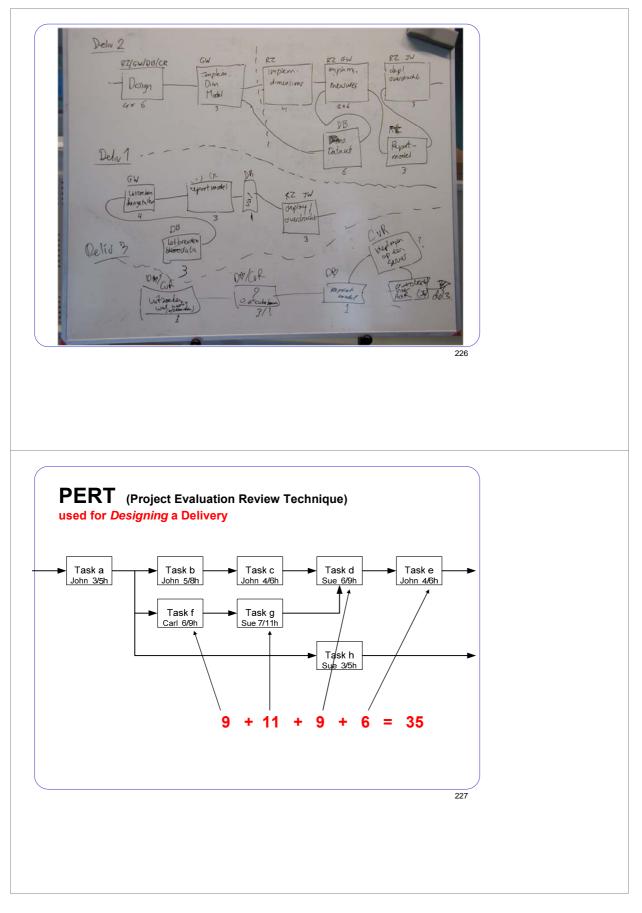
_

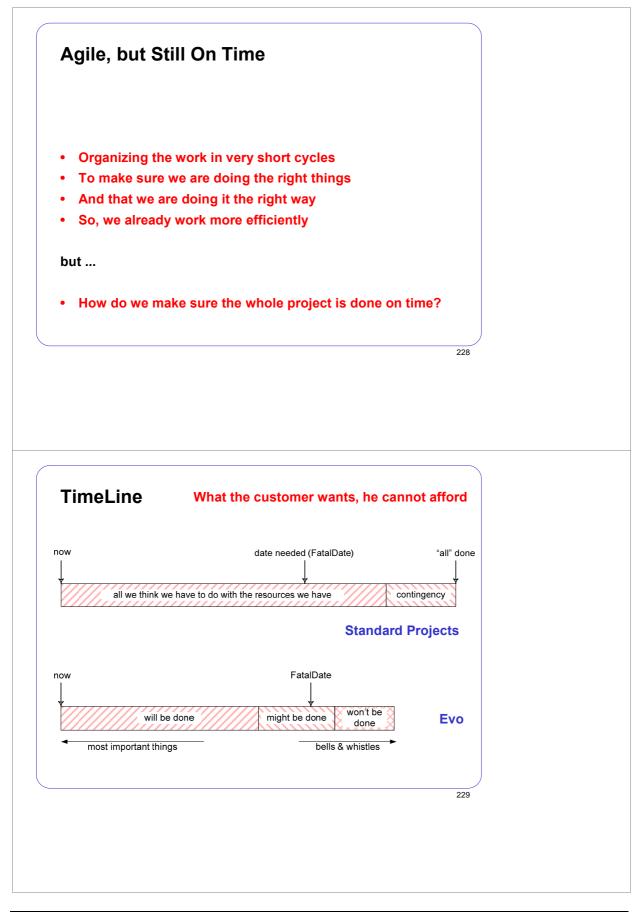
<complex-block></complex-block>					Tasks]	Type a question for help	
<complex-block></complex-block>	6 mei 2004 wk 19		Project and Delivery	Tasks Cycle and	Delivery		^
<complex-block></complex-block>	Project Dino-QUA	Task Name Hoe gaan we exporteren doen				Cycle Task cycle due date	
<complex-block></complex-block>	4 🗸					4 Delivery 4 21 mei 2004 wk 21	
	TaskCycle	Task Description	The TaskSheet is	s used to focus on v	what the ta	isk really is about.	
Image: contract of the state of the sta	TaskType						
<complex-block></complex-block>	0	Functional Requirements	(what the rest	ult of this task sho	uld be)	Implementation Ideas (solution direction ideas)	
Image: set of the right of	· · · · · · · · · · · · · · · · · · ·						
<complex-block> Image: Note: Image: Image:</complex-block>		Performance Requirements	(how well the re	esult should do the	what)	Planning (to make sure task is done on time)	
Image:	- 0 or	Constraints		(wh:	at not)	Unclears (anything that is still unclear)	
 By Diversity of the second s	Fut 0 not OK						
 Borden being 4 in 1 in 200 at 3 is 1 in 200 at 2				~ Whe hr:			
20 The delta between the production of the second secon	58 Dino-QUA Deliver	/4 Fut	0	Niko 19		Hoe gaan we importeren doen?	
Bit Deckada Deckada <td>220 Dino-QUA Deliver</td> <td>6 13 11 jun 200</td> <td>3 wk 24 5</td> <td>Ronald 6</td> <td></td> <td>Samples importeren</td> <td></td>	220 Dino-QUA Deliver	6 13 11 jun 200	3 wk 24 5	Ronald 6		Samples importeren	
217 Direction Direction </td <td>215 Dino-QUA Deliver</td> <td>6 13 11 jun 200</td> <td>3 wk 24 5</td> <td>Arian 2</td> <td></td> <td>Checkbox toevoegen voor export-blokken</td> <td></td>	215 Dino-QUA Deliver	6 13 11 jun 200	3 wk 24 5	Arian 2		Checkbox toevoegen voor export-blokken	
21 10 11 11 12 <td< td=""><td>217 Dino-QUA Deliver</td><td>6 13 11 jun 200</td><td>3 wk 24 5</td><td>Ronald 2</td><td></td><td>Backsupport toevoegen met Arian</td><td></td></td<>	217 Dino-QUA Deliver	6 13 11 jun 200	3 wk 24 5	Ronald 2		Backsupport toevoegen met Arian	
 201 Deckhar Delays 21 Of Arazon H 21 S Han 2 B Hon 2 D D Research and woor adjustment of delated in the least time. 21 Deckhar Delays H 21 H 22 S Hon 2 D D Research and woor adjustment of delated in the least time. 22 Deckhar Delays H 21 H 22 S Hon 2 D D Research and woor adjustment of delated in the least time. 23 Deckhar Delays H 21 H 22 S Hon 2 D D Research and woor adjustment of delated in the least time. 24 Deckhar Well Bane Stakeholders more productive normality and the least time. 24 Deckhar Well Marke Stakeholders more productive normality and the least time. 25 Delays H 21 H 22 H 22 H 22 H 22 H 22 H 22 H 2	219 Dino-QUA Deliver	6 13 11 jun 200	3 wk 24 5	Ronald 6		Maken Process dialog	
 Cycles in Evo: DeliveryCycle Are we delivering the right things, in the right order to the right level of detail for now Optimizing requirements and checking assumptions What will generate the optimum feedback We deliver only to eagerly waiting stakeholders Delivering the juiciest, most important stakeholder values that can be made in the least time What will make Stakeholders more productive now Not more than 2 weeks 	200 Dino-QUA Deliver	4 12 4 jun 2003	3 wk 23 5	Niko 4	OK	parameterformulier voor analyserapport met tabbladen Aanpassingen Monsterscherm doorvoeren (nieuwe velden)	
 Are we delivering the right things, in the right order to the right level of detail for now Optimizing requirements and checking assumptions What will generate the optimum feedback We deliver only to eagerly waiting stakeholders Delivering the juiciest, most important stakeholder values that can be made in the least time What will make Stakeholders more productive now Not more than 2 weeks 	104 D 014 D	.c i in i i i i i i i i i i i i i i i i i	nn ⊏ I	KD X	- OF	Instruction defended and OHA CALIBUTY or commission of a community of	
 the right things, in the right order to the right level of detail for now Optimizing requirements and checking assumptions What will generate the optimum feedback We deliver only to eagerly waiting stakeholders Delivering the juiciest, most important stakeholder values that can be made in the least time What will make Stakeholders more productive now Not more than 2 weeks 	Cyclos	s in Evo:	Dolin		~ ~~	task	
 the right things, in the right order to the right level of detail for now Optimizing requirements and checking assumptions What will generate the optimum feedback We deliver only to eagerly waiting stakeholders Delivering the juiciest, most important stakeholder values that can be made in the least time What will make Stakeholders more productive now Not more than 2 weeks 	Cycles	s in Evo:	Deliv	very(Сус		
 to the right <i>level of detail for now</i> Optimizing requirements and checking assumptions What will generate the optimum feedback We deliver only to <i>eagerly waiting</i> stakeholders Delivering the juiciest, most important stakeholder values that can be made in the least time What will make Stakeholders more productive now Not more than 2 weeks 	Are we	e delivering	Deliv	very(Сус		
 Optimizing requirements and checking assumptions What will generate the optimum feedback We deliver only to <i>eagerly waiting</i> stakeholders Delivering the juiciest, most important stakeholder values that can be made in the least time What will make Stakeholders more productive now Not more than 2 weeks 	• Are we the <i>rig</i>	e delivering ht things,	Deliv	very(Сус		
 What will generate the optimum feedback We deliver only to eagerly waiting stakeholders Delivering the juiciest, most important stakeholder values that can be made in the least time What will make Stakeholders more productive now Not more than 2 weeks 	 Are we the rig in the 	e delivering ht things, right order		-	-	delivery	
 We deliver only to eagerly waiting stakeholders Delivering the juiciest, most important stakeholder values that can be made in the least time What will make Stakeholders more productive now Not more than 2 weeks 	 Are we the rig in the to the 	e <mark>delivering</mark> ht things, right order right level o	of detai	l for no)w	project	_
 Delivering the juiciest, most important stakeholder values that can be made in the least time What will make Stakeholders more productive now Not more than 2 weeks 	 Are we the rig in the to the Optim 	e delivering tht things, right order right level o izing require	of detail	l for no	ow hecl	project organization king assumptions	_
 stakeholder values that can be made in the least time What will make Stakeholders more productive now Not more than 2 weeks 	 Are we the rig in the to the Optim 	e delivering tht things, right order right level o izing require	of detail	l for no	ow hecl	project organization king assumptions	_
Not more than 2 weeks	 Are we the <i>rig</i> in the to the Optim What we to the to the	e <mark>delivering</mark> tht things, right order right <i>level</i> o izing require will generate	of detail ements e the op	l for no and cl	ow hecl n fee	project organization king assumptions edback strategy	_
Not more than 2 weeks	 Are we the rig in the to the Optim What we de Delive 	e delivering tht things, right order right level o izing require will generate liver only to ring the juic	of detail ements e the op eagerl siest, m	l for no and cl otimum ly waiti ost im	ow hecl n fee ing s port	project organization king assumptions edback stakeholders tant	-
	 Are we the rig in the to the Optim What we de Delive stakeh 	e delivering tht things, right order right level o izing require will generate liver only to ring the juic odder value	of detail ements e the op eagerl iest, m s that o	I for no and cl otimum ly waiti lost im can be	ow hecl ing s port mad	project organization king assumptions edback stakeholders tant de in the least time	-
223	 Are we the rig in the to the Optim What we de Delive staken What we de 	e delivering tht things, right order right level o izing require will generate liver only to ring the juic older value will make St	of detail ements e the op eagerl iest, m s that o akehole	I for no and cl otimum ly waiti lost im can be	ow hecl ing s port mad	project organization king assumptions edback stakeholders tant de in the least time	
	 Are we the rig in the to the Optim What we de Delive staken What we de 	e delivering tht things, right order right level o izing require will generate liver only to ring the juic older value will make St	of detail ements e the op eagerl iest, m s that o akehole	I for no and cl otimum ly waiti lost im can be	ow hecl ing s port mad	project organization king assumptions edback stakeholders tant de in the least time productive now	
	 Are we the rig in the to the Optim What we de Delive staken What we de 	e delivering tht things, right order right level o izing require will generate liver only to ring the juic older value will make St	of detail ements e the op eagerl iest, m s that o akehole	I for no and cl otimum ly waiti lost im can be	ow hecl ing s port mad	project organization king assumptions edback stakeholders tant de in the least time productive now	
	 Are we the rig in the to the Optim What we de Delive staken What we de 	e delivering tht things, right order right level o izing require will generate liver only to ring the juic older value will make St	of detail ements e the op eagerl iest, m s that o akehole	I for no and cl otimum ly waiti lost im can be	ow hecl ing s port mad	project organization king assumptions edback stakeholders tant de in the least time productive now	



Booklets:

- www.malotaux.nl/nrm/pdf/Booklet2.pdf

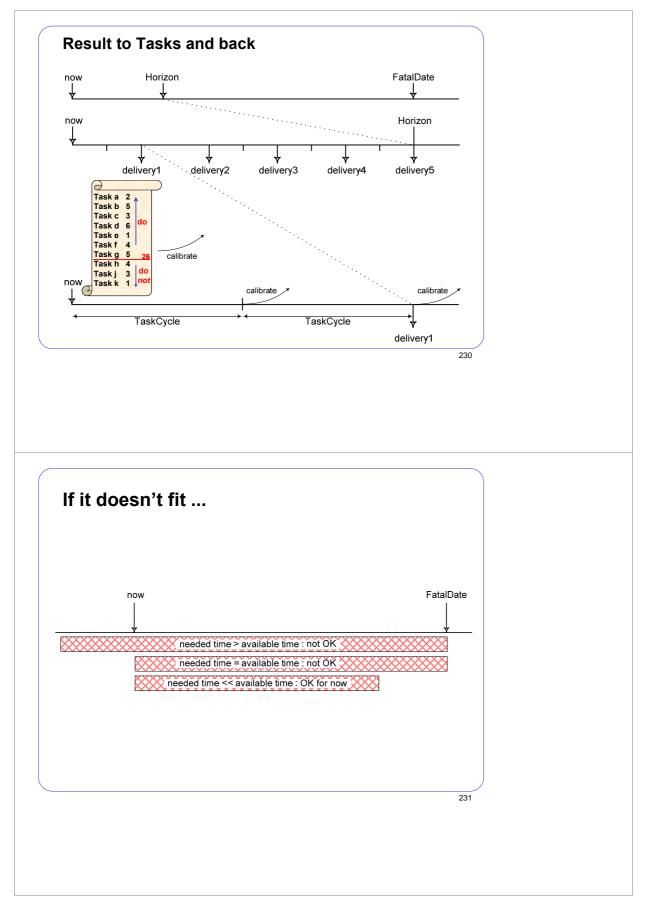


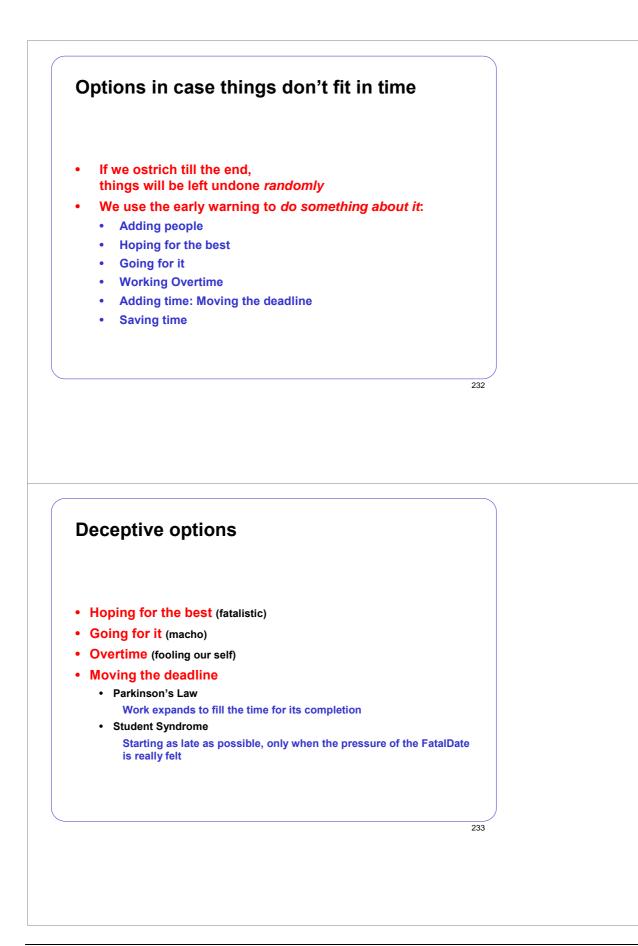


Booklets:

www.malotaux.nl/nrm/pdf/EvoRisk.pdf

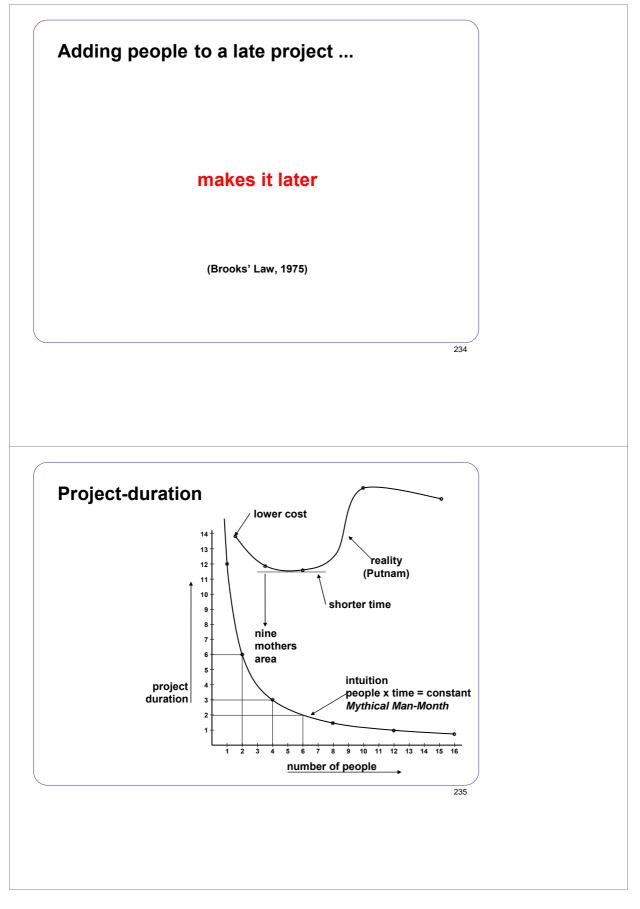
-

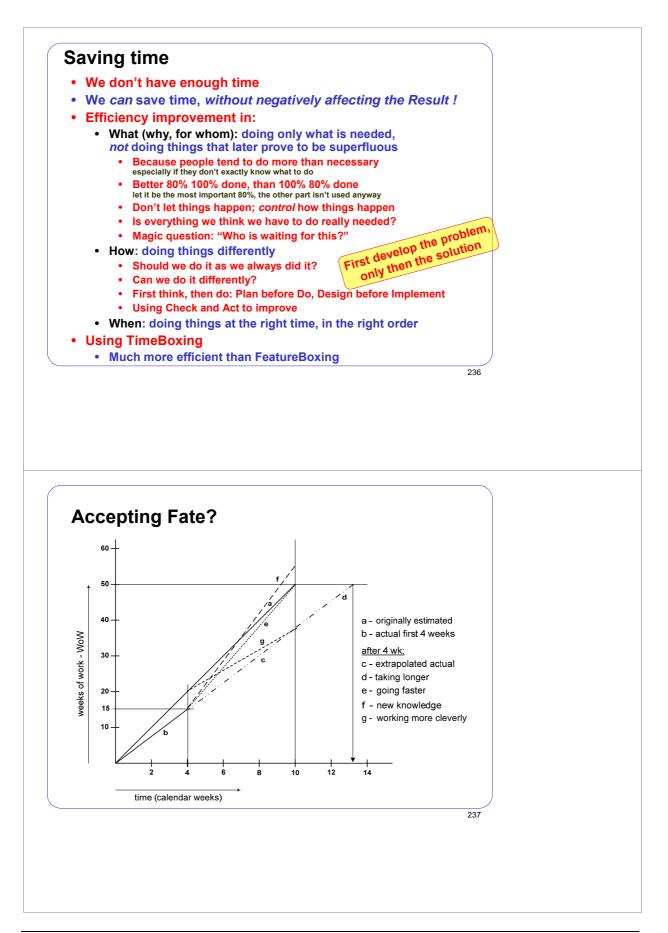




Booklets:

- www.malotaux.nl/nrm/pdf/Booklet2.pdf





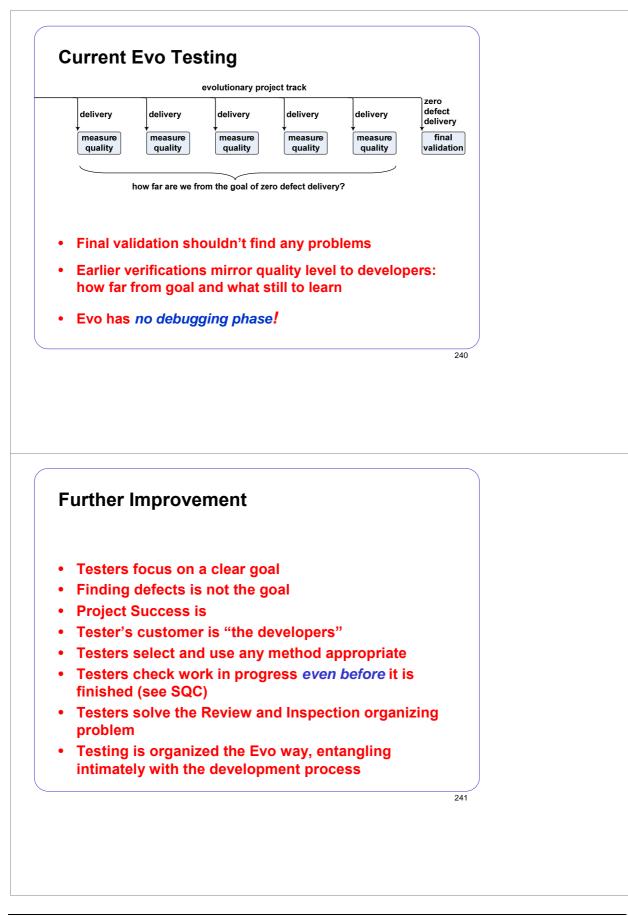
Booklets:

- www.malotaux.nl/nrm/pdf/Booklet2.pdf

www.malotaux.nl/nrm/pdf/EvoRisk.pdf

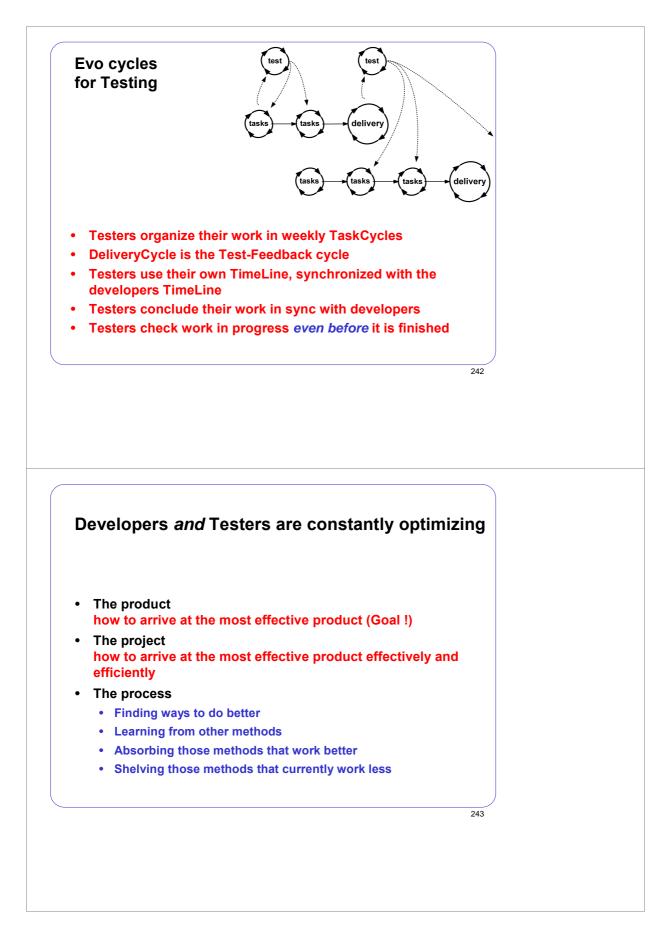
_

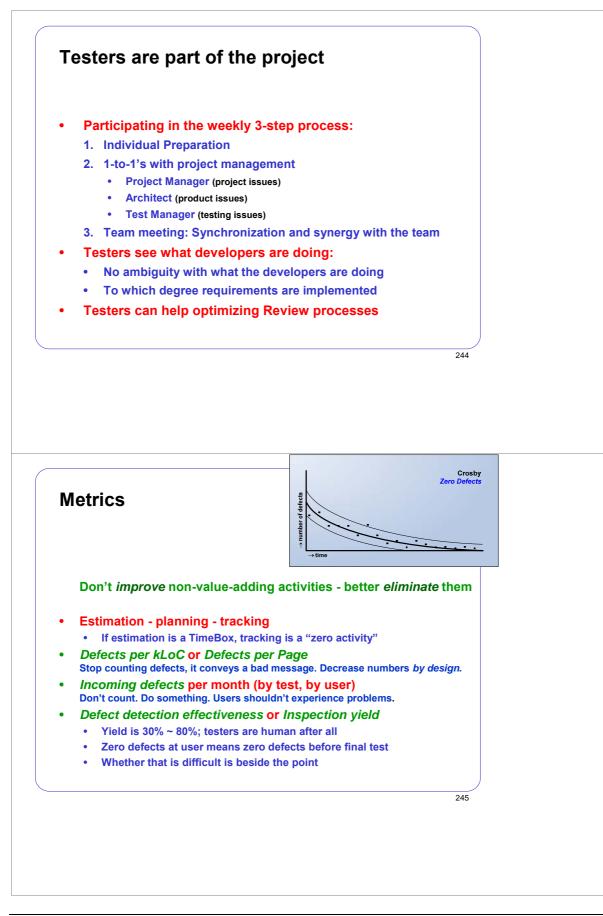
Test with	ing Evo		
Niels Malotaux		J R Malotau onsultancy	<u>K</u>
+31-30-228 88 68	niels@malotaux.nl	www.malotaux	
(Niels Malotaux, Tom Gilb (TG), Don Mills (I	tronically or on paper for any useful purpose e DM), Dorothy Graham/Grove Consultants (DG), are distributing to many people.	xcept sale for profit. You must include credit Erik Simmons (ES)) and this Permission notio fersion NRM2.02 - 17 October 2007	of source se.
The Problem			
Still too many of	defects experienced	l by users	
• Still too many of Apparently	lefects experiencec lefects generated b	-	
 Still too many of Apparently Still too many of Apparently 		y developers	
 Still too many of Apparently Still too many of Still too many of Still too many of There is a lot of the still too many of the still too	defects generated b defects remain undi f knowledge how to	y developers scovered reduce the	
 Still too many of Apparently Still too many of Still too many of Still too many of There is a lot of generation and 	lefects generated b lefects remain undi	y developers scovered reduce the ects	
 Still too many of Apparently Still too many of Still too many of Still too many of Still too many of There is a lot of generation and There is a large be Some 50% of p testing 	defects generated b defects remain undi f knowledge how to proliferation of def udget to do someth roject time is consu	y developers scovered reduce the ects ing about it: imed by all kinds o	f
 Still too many of Apparently Still too many of Still too many of Still too many of Still too many of There is a lot of generation and There is a large be Some 50% of p testing About 50% of d 	defects generated b defects remain undi f knowledge how to proliferation of def udget to do someth roject time is consu	y developers scovered reduce the ects ing about it: imed by all kinds o s never used	f
 Still too many of Apparently Still too many of Still too many of Still too many of Still too many of There is a lot of generation and There is a large be Some 50% of p testing About 50% of d 	defects generated b defects remain undi f knowledge how to proliferation of def udget to do someth roject time is consu	y developers scovered reduce the ects ing about it: imed by all kinds o s never used	f 239



Booklets: www.malotaux.nl/nrm/pdf/MxEvo.pdf www.malotaux.nl/nrm/pdf/EvoTesting.pdf www.malotaux.nl/nrm/pdf/TimeLine.pdf

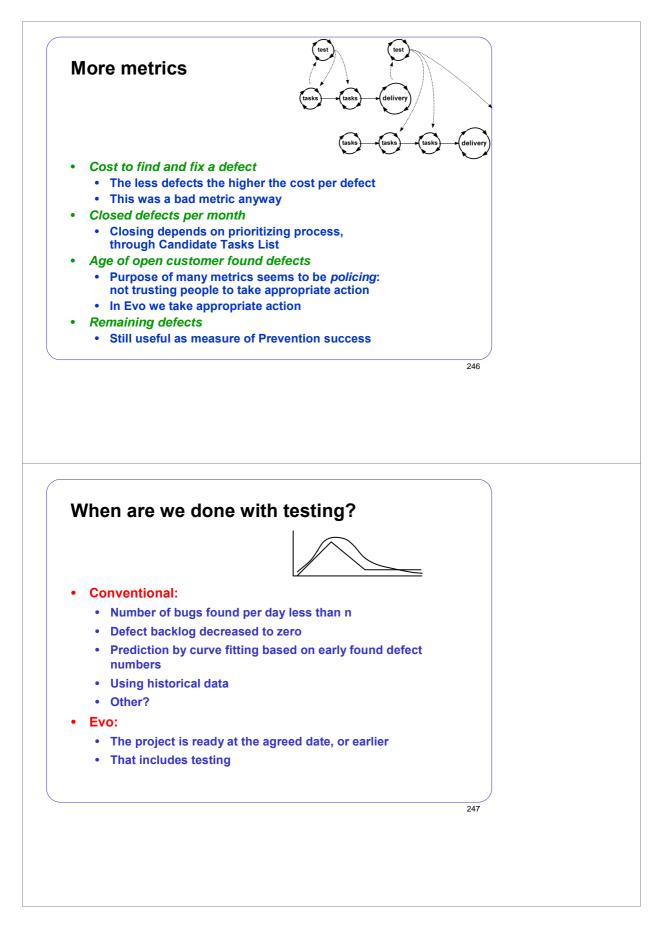
- www.malotaux.nl/nrm/pdf/Booklet2.pdf

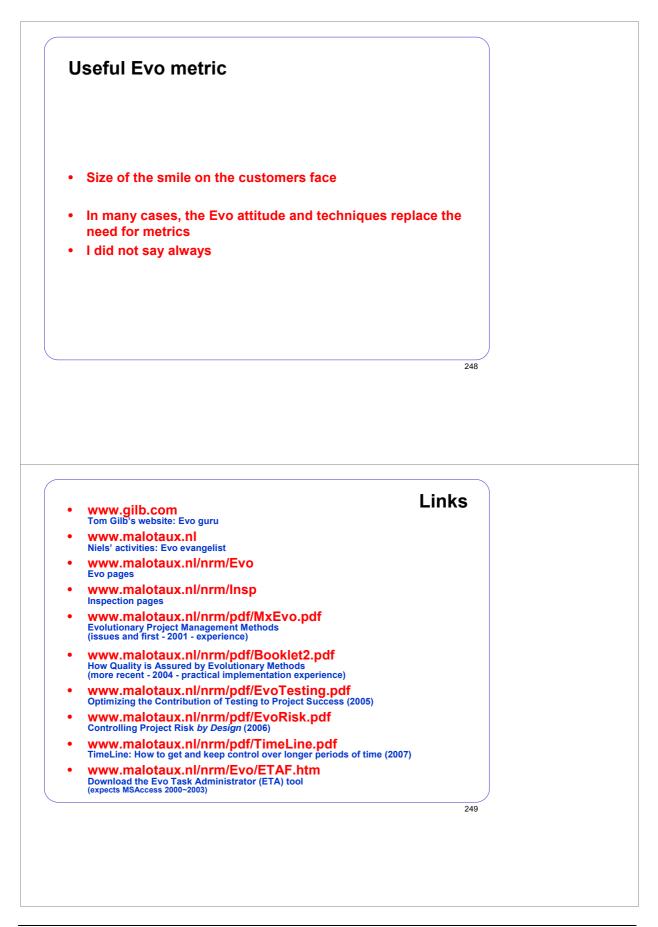




Booklets:

- www.malotaux.nl/nrm/pdf/Booklet2.pdf





Booklets:

- www.malotaux.nl/nrm/pdf/Booklet2.pdf

Sentences

- We aren't perfect, but the customer may never find out
- Evo metric: Size of the smile of the customer
- Delivery Commitments are always met
- At the FatalDate, any excuse is too late
- People tend to do more than necessary
- What can we do less, while achieving more
- What the customer wants, he cannot afford
- Who is waiting for that?
- Quality is cheaper

250

vvnat	now			
Niels Malotaux		R Malot	<u>aux</u>	
+31-30-228 88 68	niels@malotaux.nl	www.male	otaux.nl	
			251	
Nice story, but				
		norrow2		
Nice story, but • What are we goin • Who will be the C	g to do differently tor	norrow?		
 What are we goin Who will be the C Owner of the pr 	g to do differently tor hampion? ocess	norrow?		
 What are we goin Who will be the C Owner of the pr Protecting and c 	g to do differently tor hampion? ocess optimizing the process	norrow?		
 What are we goin Who will be the C Owner of the pr Protecting and c Keeping the Pro 	g to do differently tor hampion? ocess optimizing the process ocessLog	norrow?		
 What are we goin. Who will be the C Owner of the pr Protecting and o Keeping the Pro Which Review pro 	g to do differently tor hampion? ocess optimizing the process ocessLog ocess to use	norrow?		
 What are we goin Who will be the C Owner of the pr Protecting and c Keeping the Pro 	g to do differently tor hampion? ocess optimizing the process ocessLog ocess to use	norrow?		
 What are we goin Who will be the C Owner of the pr Protecting and a Keeping the Protection of the protecting the protection of th	g to do differently tor hampion? ocess optimizing the process ocessLog ocess to use	norrow?		
 What are we goin Who will be the C Owner of the pr Protecting and o Keeping the Protection of the protecting the Protecting the Protection of the p	g to do differently tor hampion? ocess optimizing the process ocessLog ocess to use	norrow?		
 What are we goin Who will be the C Owner of the pr Protecting and a Keeping the Protecting the P	g to do differently tor hampion? ocess optimizing the process ocessLog ocess to use	norrow?	252	

www.malotaux.nl/nrm/pdf/Booklet2.pdfwww.malotaux.nl/nrm/pdf/EvoRisk.pdf

Inspection Master Plan Owner: Niels Malotaux – Version 1.01 – 23 Nov 2001

Inspection no.

Date requested:

Pages studied

Super majors (project threat)

Process Improvements

Majors

Minors

Questions

who	name	init	tel	e-r	nail	role	scan		t	time	min/ page	check	time	min/ page	rule set	
Leader						Leader									1	
Author						Author									1	
Checker						-										
Checker						-										
Checker						-										
Checker						-										
Checker						-										
doc	owner	init	tel	e-r	nail		docname date ver Locatio		Location			maj/ page				
Product																
Reference			1													
Source																
Source																
Source																
Source																
meeting	date	locati	on	start	end] Inst	tructions									
KickOff																
Logging						Insp	pection goals:	Getting the product exited Learning Inspections								
Individual checker data collection Checker: To be filled in by each checker, before logging meeting Image: Checker data collection					Stra	Note: T - 30 mi			Do Inspection, find as many issues as possible Note: The brainstorm will initially be replaced by: - 30 min. discussion about what you think of this inspection process - 30 min. Just In Time Training on the subject of the document							
Time spen	nt (X.X hrs)			scan	check	Opti	mum checking rate:	60 min p	er page	e		use about 30 min per logical page				

Exit condition: < 2 major defects remaining per page

Assignment for this Inspection:

Please check the sheets against all source document and rule set GE. See Inspection Manual. In this manual you can also find the procedure for checking (Procedure for Checker during Checking: CC). Read this procedure to know what to do during checking.

Inspection Master Plan Owner: Niels Malotaux – Version 1.01 – 23 Nov 2001

Inspection no.

Date requested:

who	name	init	tel	e-mail	role	scan		time		check	time	min/ page	
Leader					Leader								
Author					Author								
Checker					-								
Checker					-								
Checker					-								
Checker					-								
Checker					-								
			1										mail
doc	owner	init	tel	e-mail		docname	dat	e	ver	Location	insp	status	maj∕ page
Product													
Reference													
Source													
Source													
Source													
Source													

meeting	date	location	start	end
KickOff				
Logging				

Individual checker data collection To be filled in by each checker, <i>before</i> logging meeting	Checker:			
	scan	check		
Time spent (X.X hrs)				
Pages studied				
Majors				
Super majors (project threat)				
Minors				
Process Improvements				
Questions				

Instructions	
Inspection goals:	Getting the product exited Learning Inspections
Strategy to meet goal:	Do Inspection, find as many issues as possible Note: The brainstorm will initially be replaced by: - 30 min. discussion about what you think of this inspection process - 30 min. Just In Time Training on the subject of the document
Optimum checking rate:	60 min per page At first Inspections we will use about 30 min per logical page
Exit condition:	< 2 major defects remaining per page
Assignment for this Insp	ection
Ű	ainst all source document and rule set GE. See Inspection Manual. In this manual dure for checking (Procedure for Checker during Checking: CC). Read this do during checking.

Insp	Inspection Issue Log					Item types: S, M, m, Q, P, N						
	InspectionID			Date			· · · · · · · · · · · · · · · · · · ·					
ltem No	Doc ref	Doc page	Scan/Check	Location on page	Type of item	Checklist or rule tag	Description If long explanation, remind: "say it in 7 words max!"	Number of occurr	time ref	who	Editor note	done
1												
3 4 5												
5 6 7												
8												
10 11												
12 13												
14 15												
16 17												
18 19 20												
21 22												
23 24												
25 26												
27 28												

Inspection Issue Log							Item types: S, M, m, Q, P, N					
	InspectionID			Date								
ltem No	Doc ref	Doc page	Scan/Check	Location on page	Type of item	Checklist or rule tag	Description If long explanation, remind: "say it in 7 words max!"	Number of occurr	time ref	who	Editor note	done
1												
3												+
4												+
5												
6												
7												
8												
9												
10 11												
12												+
13												
14												
15												
16												
17												
18												
19												+
20 21												+
22												+
23												+
24												+
25												
26												
27												\perp
28												