## Facilities Business Applications

# Hannah Griffin

 a software engineer moonlighting as a group leader (or maybe vice versa)





And there was a guy over in the America doing some cooking......

....And he had a blog.





Joel Spolsky, co-founder of <u>Trello</u> and <u>Fog Creek Software</u>, and CEO of <u>Stack Overflow.</u>

## The Joel Test: 12 Steps to Better Code

https://www.joelonsoftware.com/2000/08/09/the-joel-test-12-steps-to-better-code/



<sup>\*</sup> Joel includes a disclaimer that you "really shouldn't use it to make sure that your nuclear power plant software is safe" however I think that risks some people thinking their safety critical software is above this – it isn't. I think it is more appropriate to say "do all this and then do more stuff that is safety critical specific"

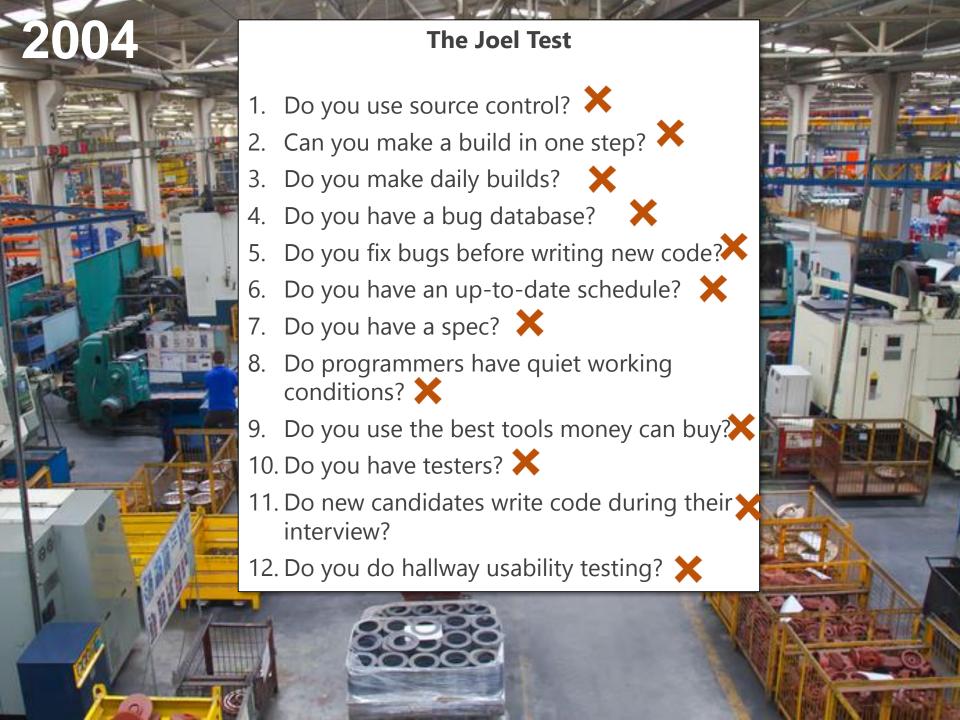
#### The Joel Test

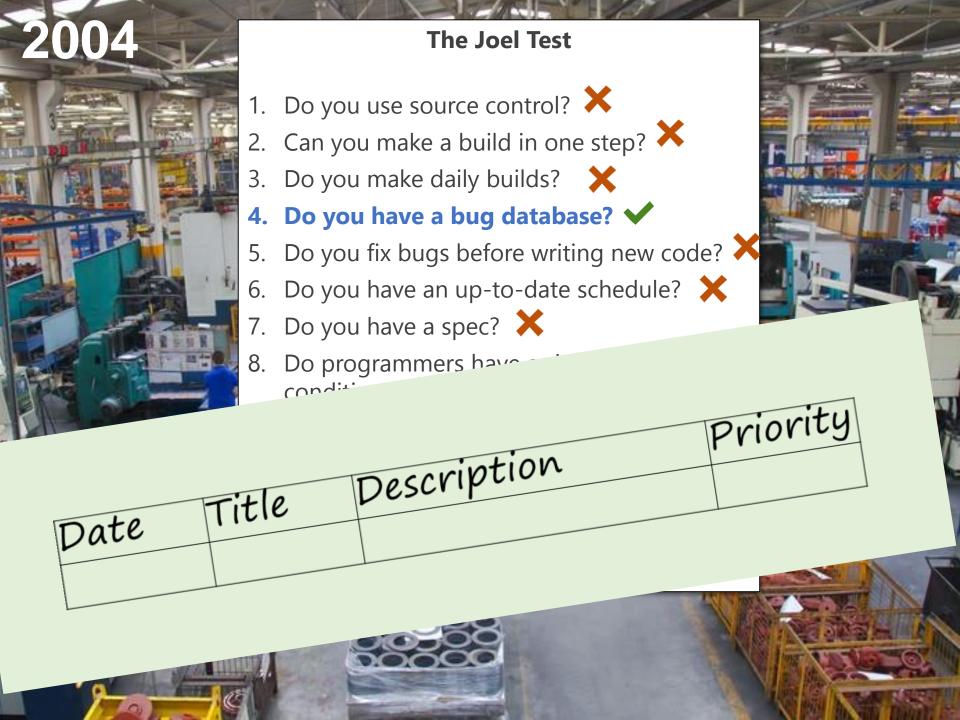
- 1. Do you use source control?
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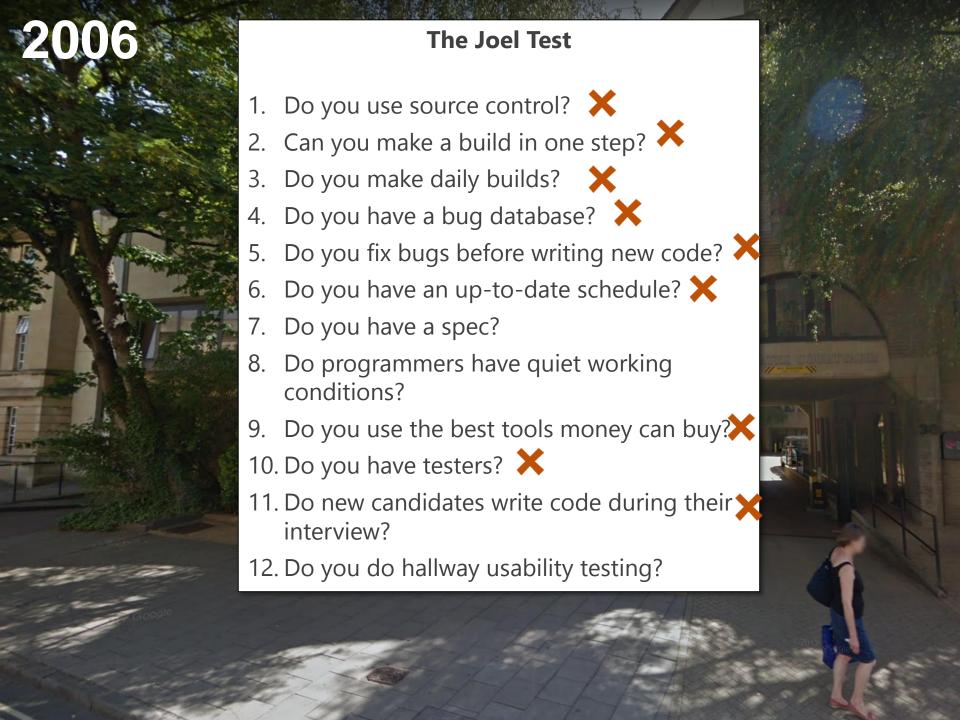


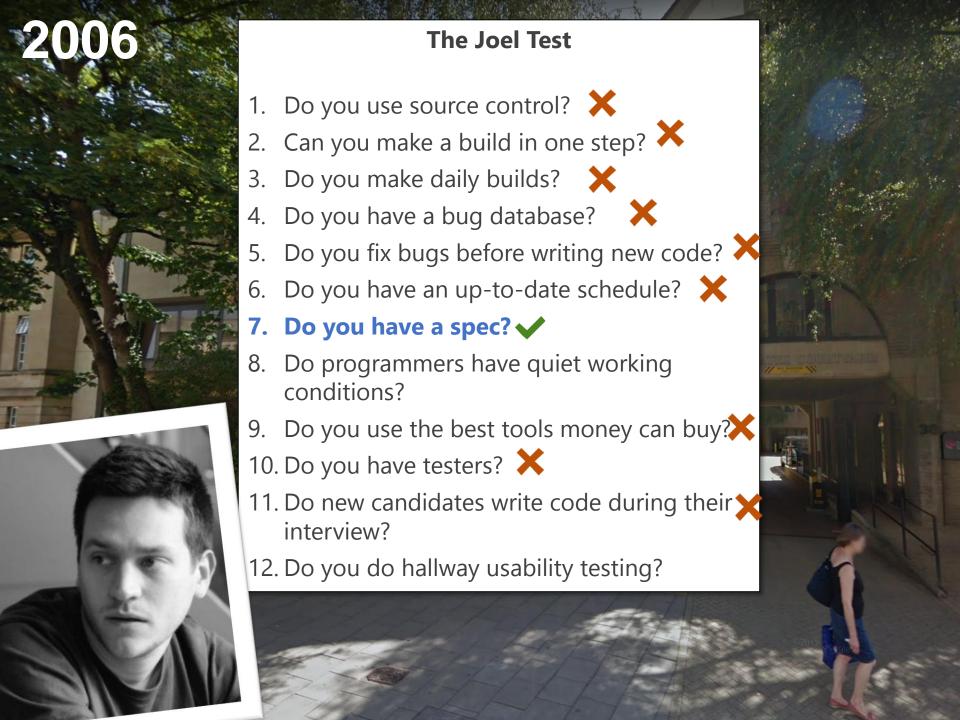


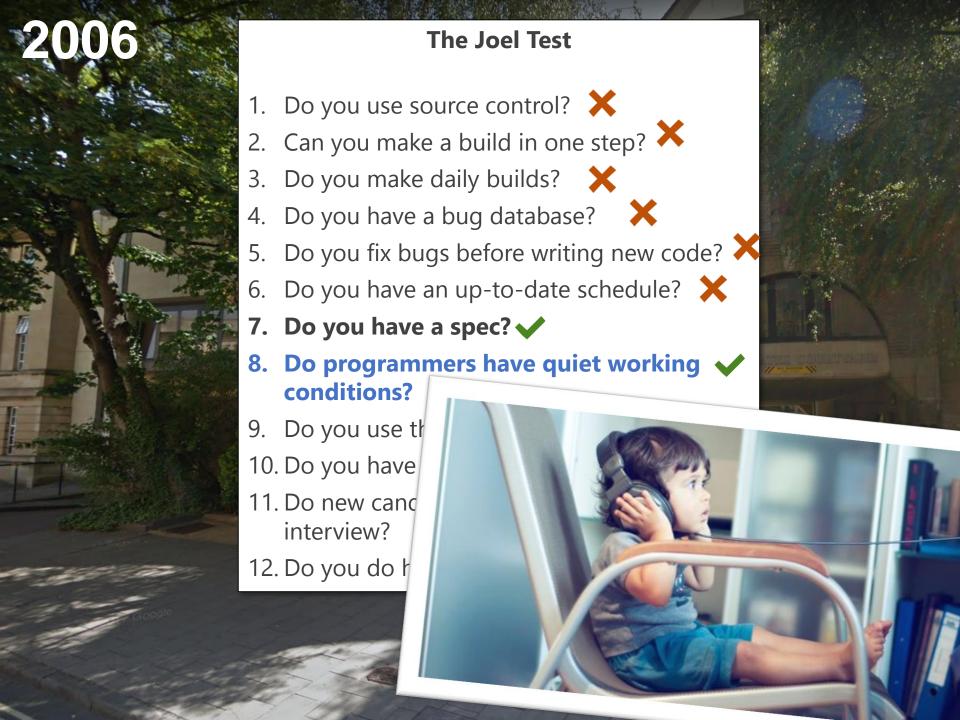




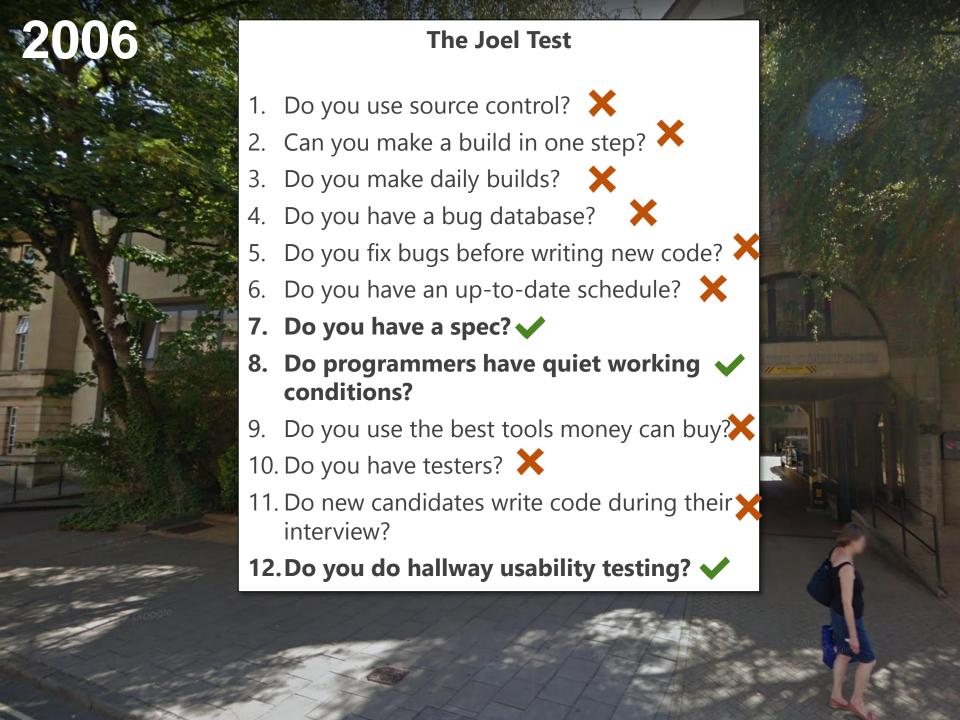




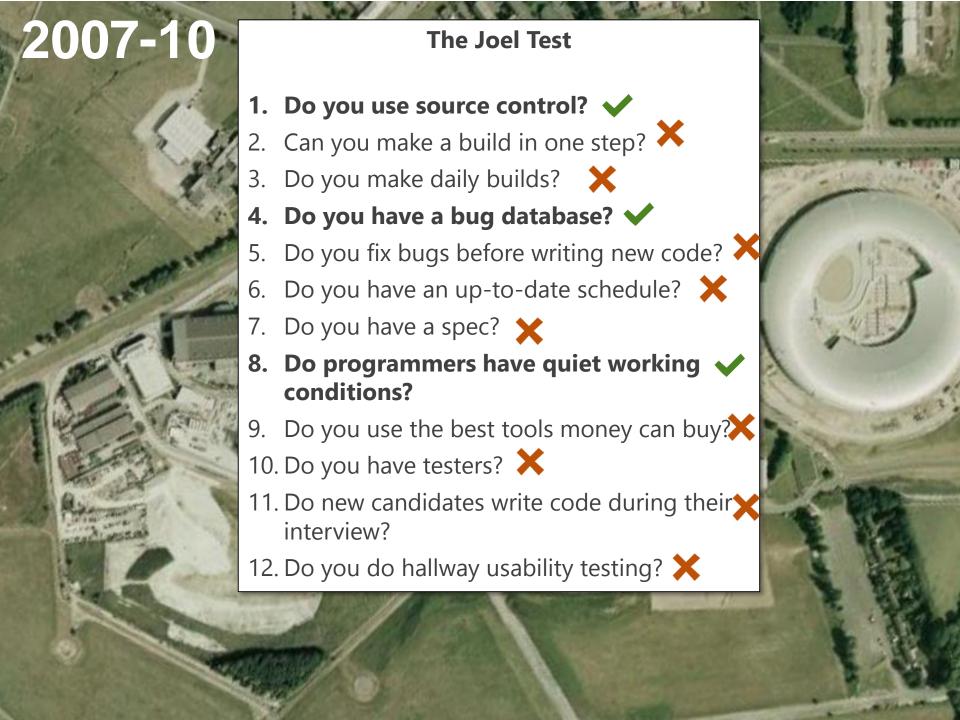


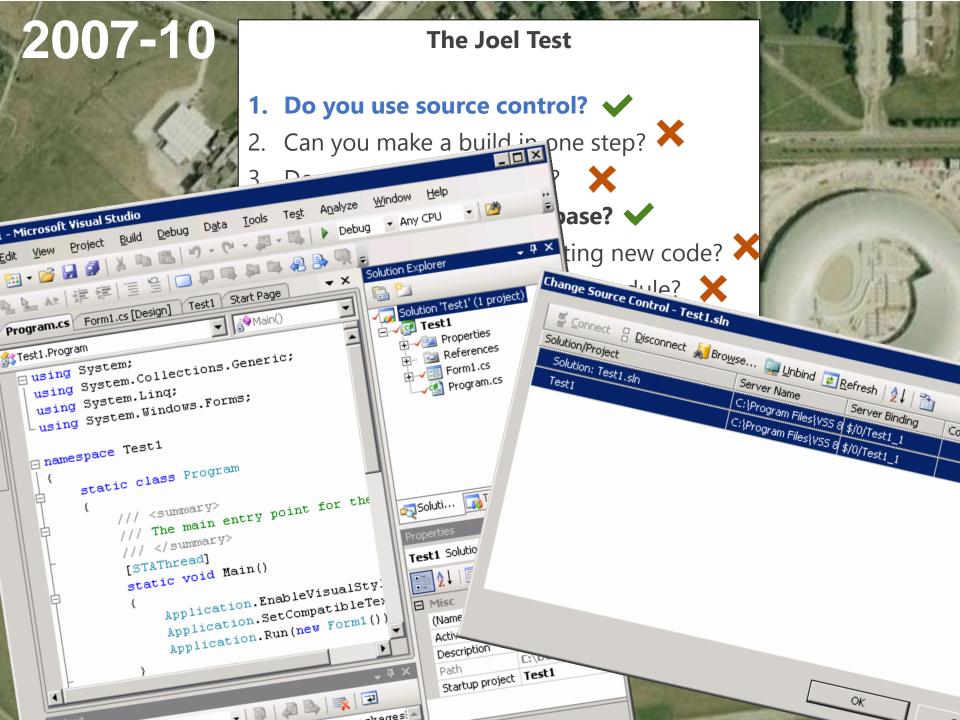


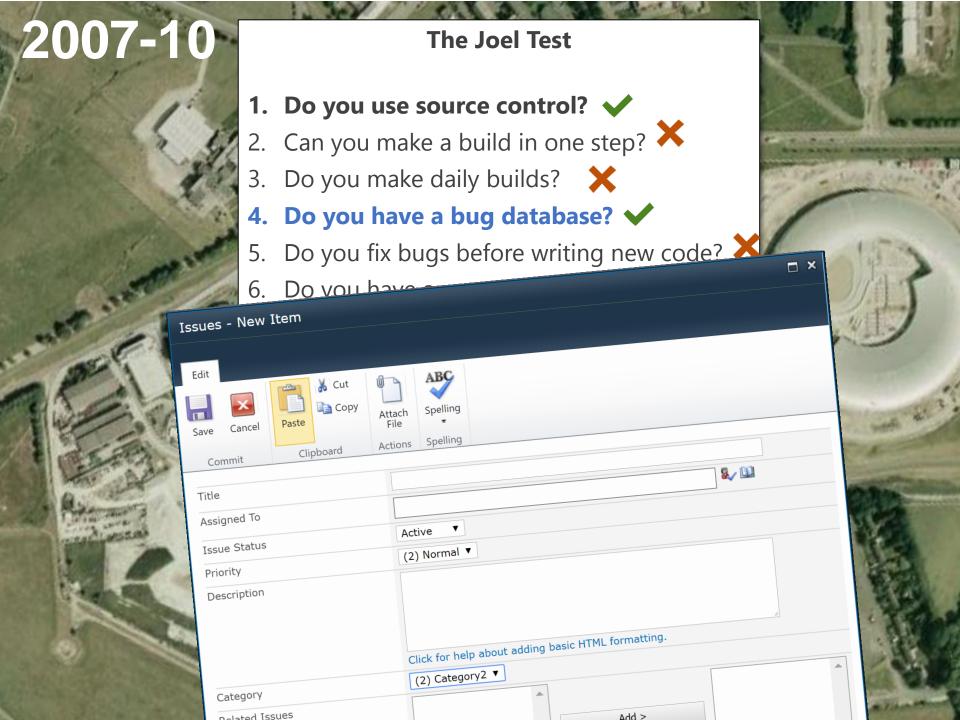


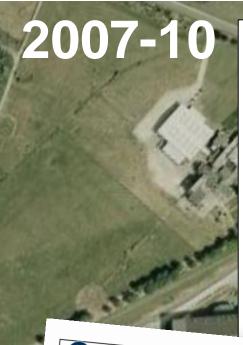












#### The Joel Test

- Do you use source control? 🗸
- Can you make a build in one step?
- Do you make daily builds?
- Do you have a bug database? 🗸
- Do you fix bugs before writing new code?
- Do you have an up-to-date schedule? X









Accommodation an

Facil ISIS

Central Laser Facility

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Change Record				
Date	Issue	Section		
16 March 2009	1			
17 March 2009	2	2		
		3.4		
18 March 2009	3			
19 March 2009	4	4		
		4.3		
31 March 2009	5	4.1		
1 May 2009	6	2		



### 2. USER INTERFACE

ISIS and CLF offer the same accommodation service but have diff

ISIS do not organise flights for their users but do provide taxi tr CLF offer flight arrangements, car hire and taxi transfer. Where the Primary Purpose\* is Other or ISIS (i.e. not CLF) then t to request flights or car hire i.e. only CLF visits should be offer \* as determined by field Primary Purpose in Primary Purpose of the Vi

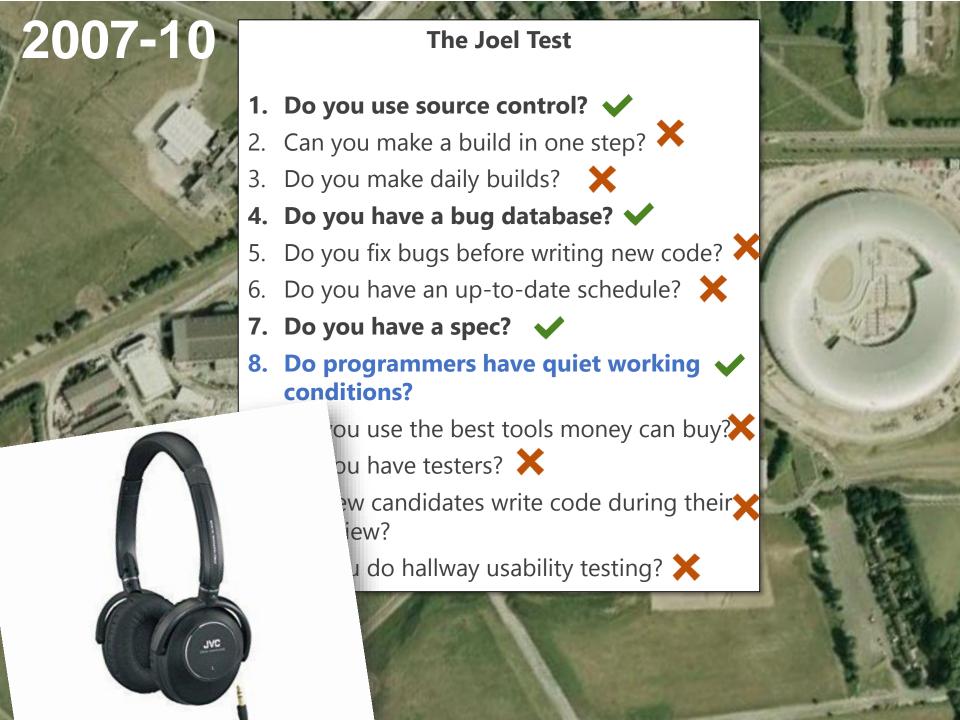
The accommodation and travel requests for a visiting group of

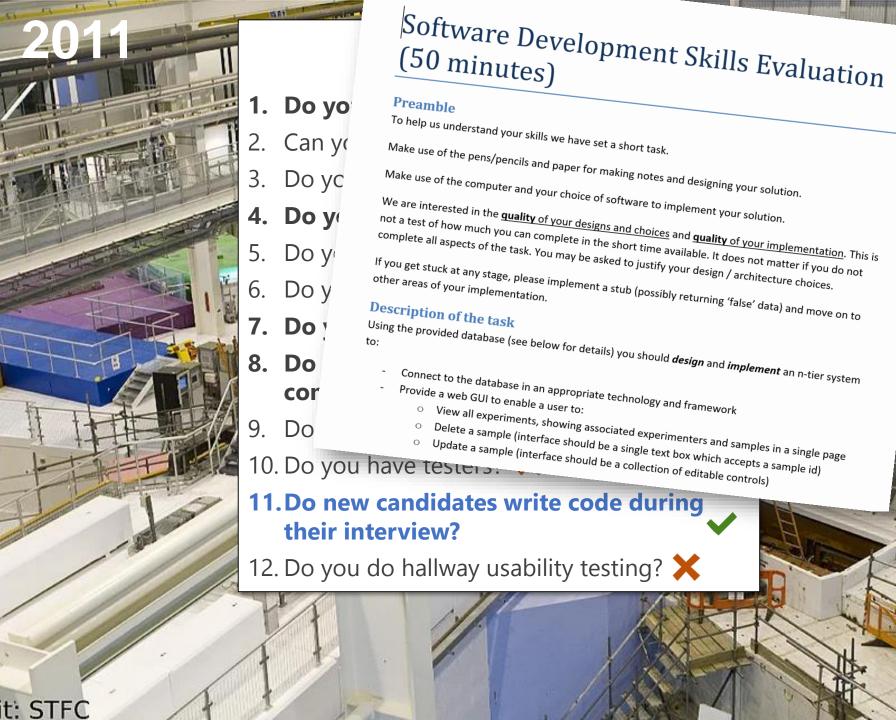
The requestor will authenticate using their Federal ID (CLRC one 'Prime Requestor'.

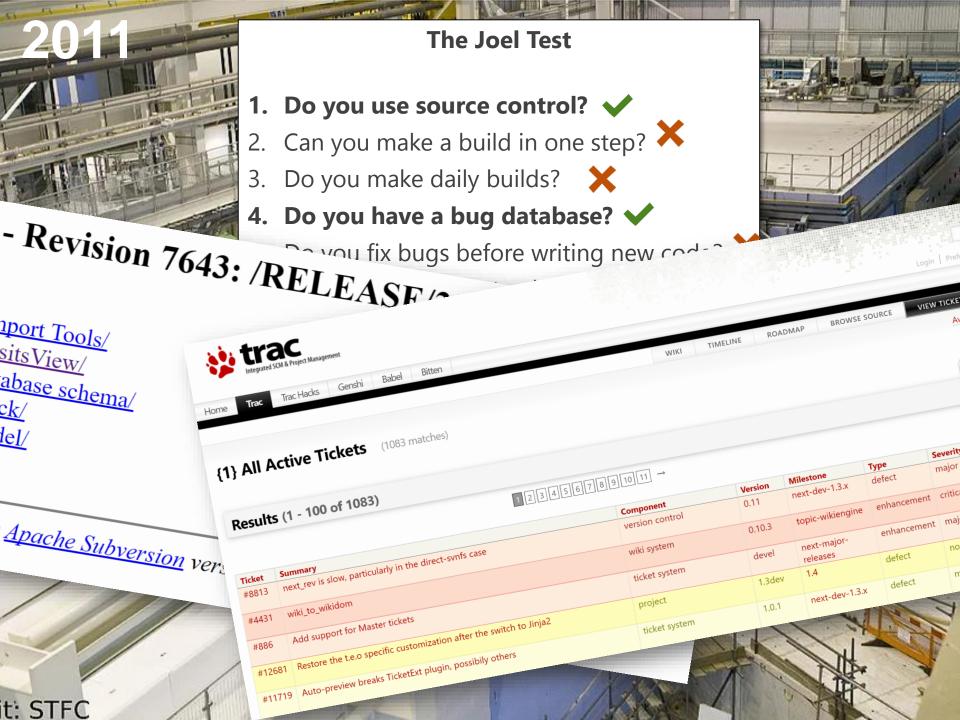
The requestor shall be able enter at least 20 peoples' reque the user office.

The steps for filling in the form shall be as follows:

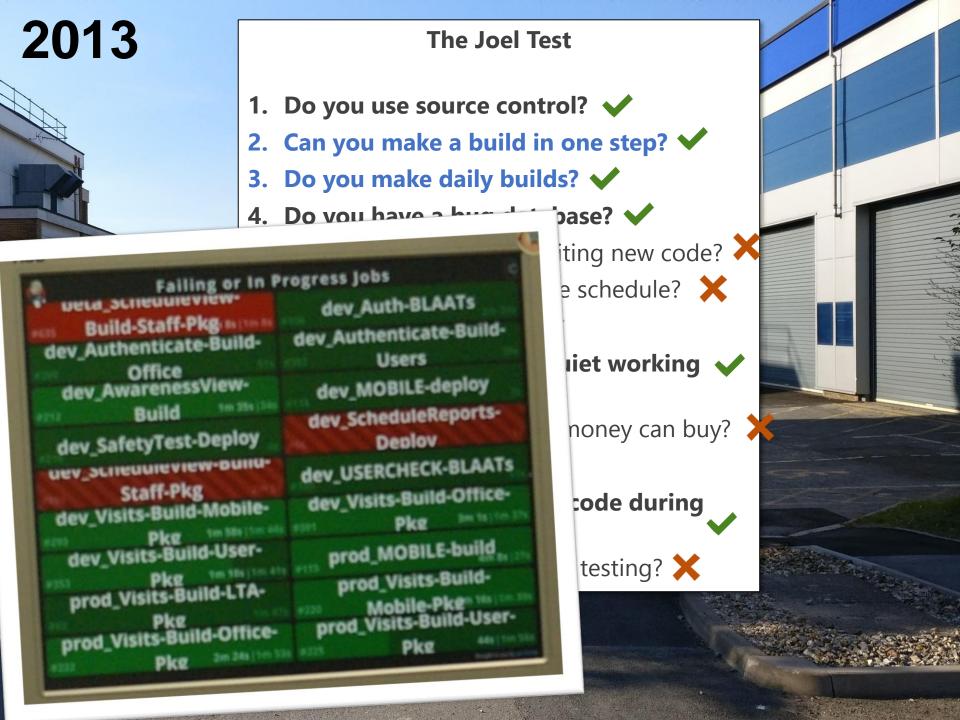
The requestor shall identify the primary purpose of

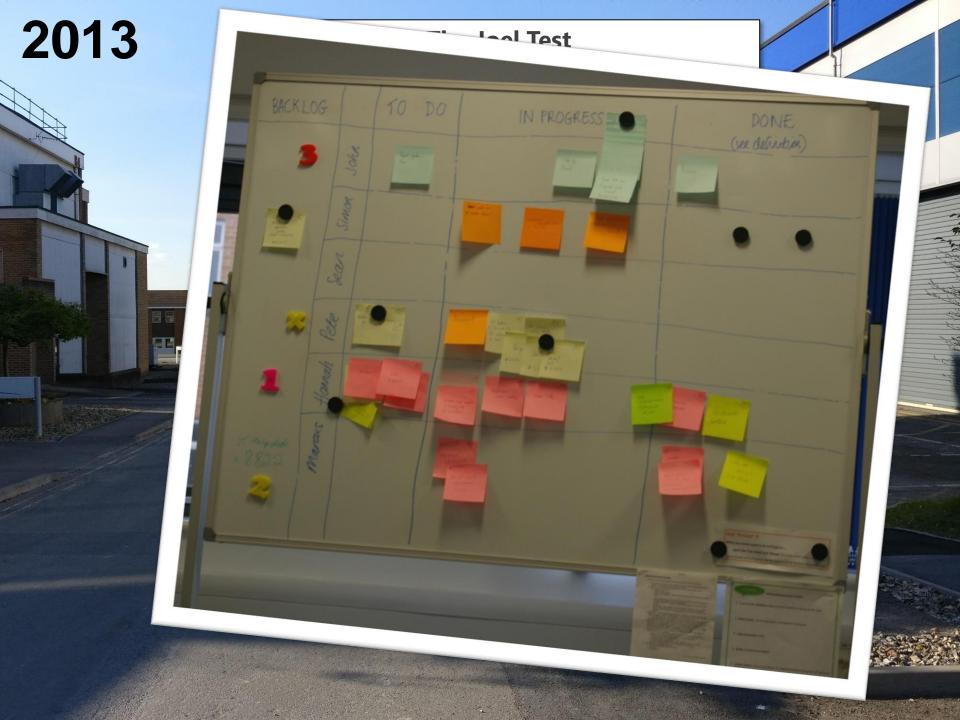


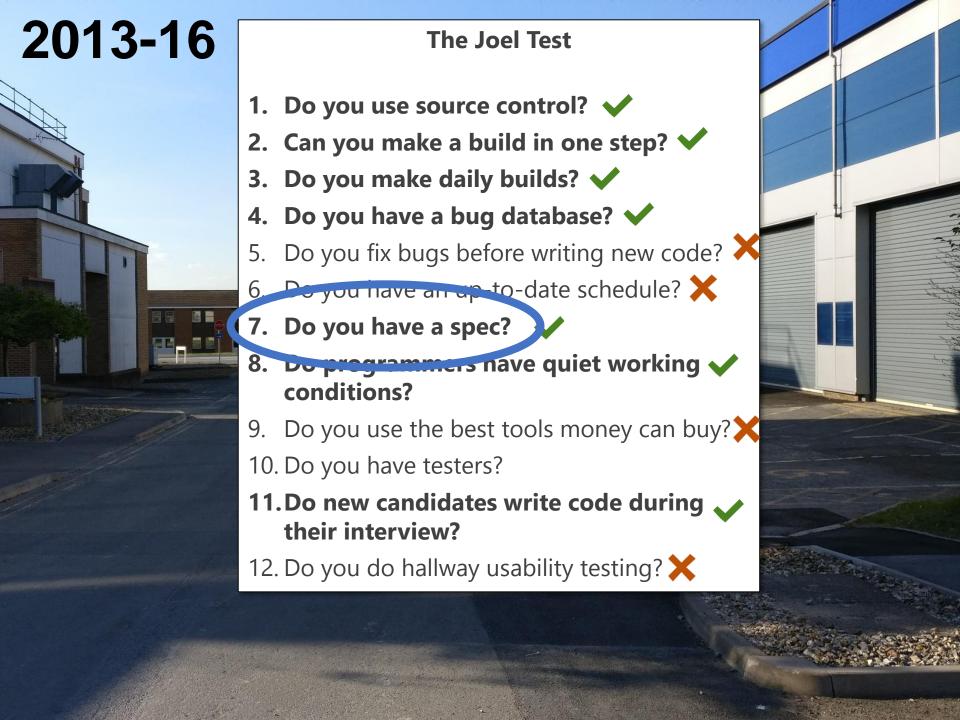












#### **The Joel Test**





3. Do you make daily builds? 🗸

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5. Do you fix bugs before writing new code?

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8. Do programmers have quiet working conditions?

9. Do you use the best tools money can buy?

10. Do you have testers? X



12. Do you do hallway usability testing? 💢

#### **The Joel Test**

1. Do you use source control? 🗸



2. Can you make a build in one step? ✓



Title	SP				-		
: COMPLETE (4)		Start Date	e Target Da	ate Projected Dat	te Driving Tasks / Notes		
					o works / Notes		
Engin-X Xpress system					Done as part of SOTW 2	Custom	er Status
Scheduling					demonstration there were Engine V		
solution (v3.2)	#8 SCHED	)	30/07/2014	4 08/08/2014	Done as part of SOTW. Development complete. Despite initial request for system "exactly like GEM" of (i.e. when prioritised).  See https://trac.isis.rl.ac.uk/J2EE/milestone/EnginX%20Xpress%201.0 " s	n AK	COMPLE
Scheduling solution (v3.3)	#8 SCHED	09/08/2014		30,00/2014	(i.e. when prioritised).  See https://trac.isis.rl.ac.uk/J2EE/milestone/EnginX%20Xpress%201.0# for outstanding tickets.		COMPLETE
Scheduling Solution Rolled	#8	10/00/2	7 - 07 2014	7 00/2014	https://trac.isis.rl.ac.uk/BIS/milestone/SCHEDULE%203.3	PK, RC &	
Out to ISIS	SCHED	19/08/2014	26/11/2014	26/11/2014		CHG	COMPLETE
N PROGRESS (3)					https://trac.isis.rl.ac.uk/BIS/milestone/SCHEDULE%204.0	PK, RC & CHG	COMPLETE
Release experimental utputs system	#9 EXPO	11/07/2011	30/06/2013			PK, RC & CHG	COMPLETE
IICE rollout		03/10/2015			2013. Aim for system around June 2019		
		03/10/2013	11/10/2013		TG and PK are looking at eVal (from ResearchFish). Feasibility should be complete by end of 2012 early 2013. Aim for system around June 2013.  Includes suite set up so Rose Hayes can use software for MICE like Facilities User Office use it for ISIS & See https://trac.isis.rl.ac.uk/BIS/milester.	PK	IN PROGRESS
					ickets so far MICE%20suite%20	(414)	IN PROGRESS
ulion for ISIC	#8 CHED	28	8/11/2014 2	a	Completed initial training in Jan 2014. Created a user guide s		
aff training	CITED		7-4/2014 2	*	Completed initial training in Jan 2014. Created a user guide for Rose and Debbie. Waiting for Ken Long to user office staff training - DONE ISIS scheduler training - DONE ISIS local contact training - DONE ISIS SE teams training - DONE		
				*	ISIS SE teams training - DONE	PK ,	
					PONE		IN PROGRESS

#### The Joel Test

- 1. Do you use source control? 🗸
- 2. Can you make a build in one of
- Not Doing Rolled out (actual) To be rolled out (expected) Do vou In Progress (expected – team Display grant files uploaded for **RCaH Proposals** member) a proposal (Q3 2017) Add submission date to posals & Outcomes Team oposals (Q2 2017)

oosals & Outcome			proposals (Q2 2017)
			Update all reports used for
		Reporting	Update all reported mailing lists to reflect mailing lists to reflect without mailing lists (Q3
	anosal data in SP		uncubscribes/ si
a details reports	Query CLF proposal data in SP (Q2 2017 - MW)		2017)
ISILOI arr			contacts (Q3 2017)
or MICE	CLF Annual Reports (Q2 2017)		
SENSITIVE Hags on	ISIS Annual Reports (Q2 2017)		
queries (Q1 2027)			
Regrouping que			
story rather than data so story rather than			

**Business Intelligence solution** (Delayed start) Create report for all fields ResearchFish required for laserlab (Q4 2017 -

Using ORCID as alternative identifier (Delayed start)

Remove ability for submitter to

Add submission date to **CLF Proposals** 



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https://github.com

