







IBM Software Group Rational software	IBM
Opinions About Process in Test Teams (2)	
 11. Separate and distinct performance testing is important. 12. Scale and integration testing should be a part of system test plans. 13. Design Change Bergeste (DCBs) should be regioned for rest 	
 13. Design Change Requests (DCRs) should be reviewed for root causes 14. Any process worth changing is worth comprehensive though 15. Daily builds should be required 	t
 16. Finding bugs is only part of the equation; fitness for use, whil an old notion, remains potent 17. Chronic overtime may occur, but must be balanced with time for recuperation. Test teams are too often abused 	е
 18. Iterative development has positive effects on identifying serious problems earlier, and make overall testing more effective. 	
 Consistent process is the single most important ingredient to produce consistently high-quality software. Some aspects of ISO are good. 	
good.	





IBM Software Group Rational software	IEM
Opinions About People in Test Teams (2)	
 11. It is essential to be expert users of the software we test 12. Dedicated development teams should necessarily require dedicated test teams, i.e., it is wrong to move testers from product to product. 13. FVT and SVT should not be the same team 14. When interviewing testers, always ask: 	
 What was the last software engineering book you read? What languages can you program in? 	
 Are you interested in a career in testing, or a job? 	
 What customers have you worked with? 15. Most testers should also be programmers 16. The significance of culture is usually greatly underestimated in test organizations 	





IBM Software Group Rational software	IEX
Opinions About Test Interaction With Others Custom	ners
 Customer residencies are essential in late-phase testing One required skill of a test organization has to be the aggregation of customer needs/demands Emulating customer environments directly should only be committed in the case of short-term, single-issue testing IaD concepts, both personas and scenarios, can be used for test design, even if they are not used in product design When uncertain of what severity to set on a defect, number and criticality of scenarios impacted should guide the decision The cost of not working directly with customers is higher that the cost of working with them It is sometimes right to be obstinate, as long as customer impact can be assessed or estimated. It is wrong to be obstinate on principal with no reference to production impact Implant testing is a notion that warrants further research and investigation. 	ın .t.
design decisions.	;

Rational[®]



IBM Software Group Rational software	IEX
Opinions About Test Interaction With Still Other	rs
 Having people from support, education, marketing, development and elsewhere help test is a good thing, if done right. All documentation must be tested. All technical writers should be able to demo their subject product(s) and submit defects Support participation and input in inspections should be tracked APARs should be associated with open defects, not new ones Test and education should be linked 	i





IBM Software Group Rational software	
Opinions About Metrics and Our Test Teams	
 Consistent metrics of the right things matter. The landscape of possible testing should be approximated Early trouble in test should indicate that overall quality is at The defect re-fix rate, the number of times a defect fix is che in, is an indicator of one of the following: poor coding stand bad communication, or inconsistent test practices. Teams other than test teams should be as responsible for m as well as the test team (including marketing and developme They rarely are, in practice. Ideally, no team that is punished or rewarded for the resultin measurement should be responsible for reporting it. A separate metrics team should be rewarded for accuracy, auditing, resulting education and improvement, and innovati in measurement. Resources should be applied to innovating metrics. 	risk. cked lards, etrics ent). g
 Validation of metrics and auditing of underlying processes a processary to ensure accuracy and reality. 	re
10. Developers should be as accountable via metrics for defect	
escapes as testers often are.	







