

Agile Testing Survey 2012

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Response Summary

Total Started Survey: 178
Total Finished Survey: 129 (72.5%)

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PAGE: WELCOME

1. AGILE EXPERIENCE: I will be answering this survey from the point of view of: [Create Chart](#) [Download](#)

| | Response Percent | Response Count |
|---|------------------|----------------|
| I am currently on a project team where we believe we are agile | 49.4% | 88 |
| I am currently on a project team where we are trying to become more agile | 32.0% | 57 |
| I am not currently on an "agile team", but have been in the past (and will discuss the most recent one) | 13.5% | 24 |
| I have never been involved with an agile team | 5.1% | 9 |
| answered question | | 178 |
| skipped question | | 0 |

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PAGE: YOUR TEAM'S APPROACH TO TESTING

2. How much has your team adopted the following practices? [Create Chart](#) [Download](#)

| | Not Adopted | Partially Adopted | Fully Adopted | Response Count |
|--|-------------|-------------------|---------------|----------------|
| Acceptance Test Driven Development (ATTD)/Behavior Driven Development (BDD) | 43.7% (55) | 43.7% (55) | 12.7% (16) | 126 |
| Test Driven Development (TDD) -- Unit/developer level | 25.4% (32) | 55.6% (70) | 19.0% (24) | 126 |
| Continuous Integration (CI) | 8.7% (11) | 36.5% (46) | 54.8% (69) | 126 |
| Continuous Deployment (CD) | 40.5% (51) | 38.9% (49) | 20.6% (26) | 126 |
| Automated Code Analysis | 38.9% (49) | 42.9% (54) | 18.3% (23) | 126 |
| answered question | | | | 126 |
| skipped question | | | | 52 |

3. We have adopted the following strategies on our team (please check all that apply): [Create Chart](#) [Download](#)

| | |
|--------------------------|------------|
| answered question | 126 |
| skipped question | 52 |

3. We have adopted the following strategies on our team (please check all that apply): [Create Chart](#) [Download](#)

| | Response Percent | Response Count |
|---|--|-------------------|
| Most or all of our developers test their own code | 70.6% | 89 |
| Testers work very closely with programmers to test throughout the project | 80.2% | 101 |
| People on the team pair on a regular basis | 47.6% | 60 |
| We have an independent test team working in parallel to our development team | 40.5% | 51 |
| We have an independent test team that will be testing at the end of the lifecycle | 30.2% | 38 |
| We hold formal reviews of code or other artifacts throughout development | 28.6% | 36 |
| We hold informal reviews of code or other artifacts throughout development | 67.5% | 85 |
| | Other (please specify) Show Responses | 6 |
| | answered question | 126 |
| | skipped question | 52 |

4. Our primary approach to acceptance testing is: [Create Chart](#) [Download](#)

| | Response Percent | Response Count |
|---|--------------------------|-------------------|
| We take a test-first approach via ATDD/BDD | 8.7% | 11 |
| Acceptance testing is performed as part of an iteration/sprint by the team | 38.1% | 48 |
| Acceptance testing is performed by our stakeholders/customers | 23.8% | 30 |
| Acceptance testing is performed by a test team in parallel to development | 15.9% | 20 |
| Acceptance testing was performed at the end of the lifecycle | 10.3% | 13 |
| We aren't performing acceptance testing on this project | 3.2% | 4 |
| | answered question | 126 |
| | skipped question | 52 |

5. Our primary approach to developer/unit testing is: [Create Chart](#) [Download](#)

| | Response Percent | Response Count |
|---|--------------------------|-------------------|
| We take a test-first approach via TDD | 25.4% | 32 |
| We take a test-after approach but still produce tested software by the end of the iteration/sprint | 52.4% | 66 |
| | answered question | 126 |
| | skipped question | 52 |

5. Our primary approach to developer/unit testing is:

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| | | |
|--|-------|------------|
| Code that is written by programmers is tested by professional testers throughout development | 16.7% | 21 |
| Developer/unit testing is left to the end of the project | 2.4% | 3 |
| We don't do any developer/unit testing | 3.2% | 4 |
| answered question | | 126 |
| skipped question | | 52 |

6. What has your team found to be the most difficult challenges when adopting agile testing approaches? Choose up to three.

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| | Response Percent | Response Count |
|---|------------------|----------------|
| Adopting new agile testing tools | 13.0% | 16 |
| Using our existing testing tools to support agile development | 8.1% | 10 |
| Adopting test-driven approaches | 37.4% | 46 |
| Migrating existing testing and quality professionals to agile | 12.2% | 15 |
| Getting developers to test their own code | 26.8% | 33 |
| Getting stakeholders/customers involved with testing | 32.5% | 40 |
| Getting all testing done in the current iteration/sprint | 49.6% | 61 |
| User interface testing | 21.1% | 26 |
| Validating non-functional requirements | 32.5% | 40 |
| Learning to test throughout the lifecycle | 16.3% | 20 |
| Remaining regulatory compliant | 8.1% | 10 |
| Other (please specify) Show Responses | 6.5% | 8 |
| answered question | | 123 |
| skipped question | | 55 |

7. If you were "CEO for a day", what one thing would you do in your organization to improve your approach to testing on agile projects?

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| | Response Count | |
|--------------------------------|----------------|------------|
| Show Responses | 77 | |
| answered question | | 77 |
| skipped question | | 101 |

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PAGE: WHO ARE YOU?

8. ROLE: Which best describes your role on the agile project? [Create Chart](#) [Download](#)

| | Response Percent | Response Count |
|---------------------------|---------------------|-------------------|
| Agile Coach/Mentor | 29.0% | 36 |
| Agile Team Member | 25.8% | 32 |
| Business Stakeholder | 2.4% | 3 |
| IT Stakeholder | 4.8% | 6 |
| Product Owner | 2.4% | 3 |
| Tester | 21.8% | 27 |
| Other | 13.7% | 17 |
| answered question | | 124 |
| skipped question | | 54 |

9. AGILE EXPERIENCE: How many years of agile work experience do you have? [Create Chart](#) [Download](#)

| | Response Percent | Response Count |
|--------------------------|---------------------|-------------------|
| None | 2.4% | 3 |
| Less than 2 years | 30.6% | 38 |
| 2 to 5 years | 42.7% | 53 |
| 5 to 10 years | 17.7% | 22 |
| 10 to 20 years | 6.5% | 8 |
| 20+ years | 0.0% | 0 |
| answered question | | 124 |
| skipped question | | 54 |

10. ORGANIZATION SIZE: Number of people in your organization? [Create Chart](#) [Download](#)

| | Response Percent | Response Count |
|--------------------------|---------------------|-------------------|
| 1 to 10 | 3.2% | 4 |
| 11 to 50 | 15.3% | 19 |
| 51 to 100 | 11.3% | 14 |
| 101 to 500 | 32.3% | 40 |
| 501 to 1000 | 10.5% | 13 |
| 1001-10,000 | 12.1% | 15 |
| 10,001-50,000 | 8.9% | 11 |
| 50,001+ | 5.6% | 7 |
| Don't know | 0.8% | 1 |
| answered question | | 124 |
| skipped question | | 54 |

11. INDUSTRY: What is the primary industry that your organization works in? [Create Chart](#) [Download](#)

| | Response Percent | Response Count |
|--|---------------------|-------------------|
| Communications - Energy and Utilities | 1.6% | 2 |
| Communications - Media & Entertainment | 8.9% | 11 |
| Communications - Telecommunications | 8.9% | 11 |
| Distribution - Consumer Products | 5.6% | 7 |
| Distribution - Retail | 0.8% | 1 |
| Distribution - Travel & Transportation | 4.0% | 5 |
| Financial Services - Banking | 8.1% | 10 |
| Financial Services - Financial Markets | 3.2% | 4 |
| Financial Services - Insurance | 5.6% | 7 |
| Industrial - Aerospace and Defense | 0.0% | 0 |
| Industrial - Automotive | 4.0% | 5 |
| Industrial - Electronics | 2.4% | 3 |
| Industrial - Chemicals & Petroleum | 0.8% | 1 |
| Public - Federal Government | 2.4% | 3 |
| Public - Higher Education | 0.8% | 1 |
| Public - Healthcare | 3.2% | 4 |
| Public - Life Sciences (Pharma) | 1.6% | 2 |
| Public - State and Local Government | 2.4% | 3 |
| Multiple sectors | 31.5% | 39 |
| Don't know | 4.0% | 5 |
| answered question | | 124 |
| skipped question | | 54 |

12. LOCATION: Where are you located? [Create Chart](#) [Download](#)

| | Response Percent | Response Count |
|--------------------------|---------------------|-------------------|
| North America | 20.2% | 25 |
| South/Central America | 3.2% | 4 |
| Europe | 69.4% | 86 |
| Asia | 2.4% | 3 |
| Australia/NZ | 4.8% | 6 |
| Africa | 0.0% | 0 |
| answered question | | 124 |
| skipped question | | 54 |



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