

Integrated Version Control and Bug Tracking with Subversion and FogBugz



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Taming Instrument Development With Version Control Software



Eric White

D&TC 200

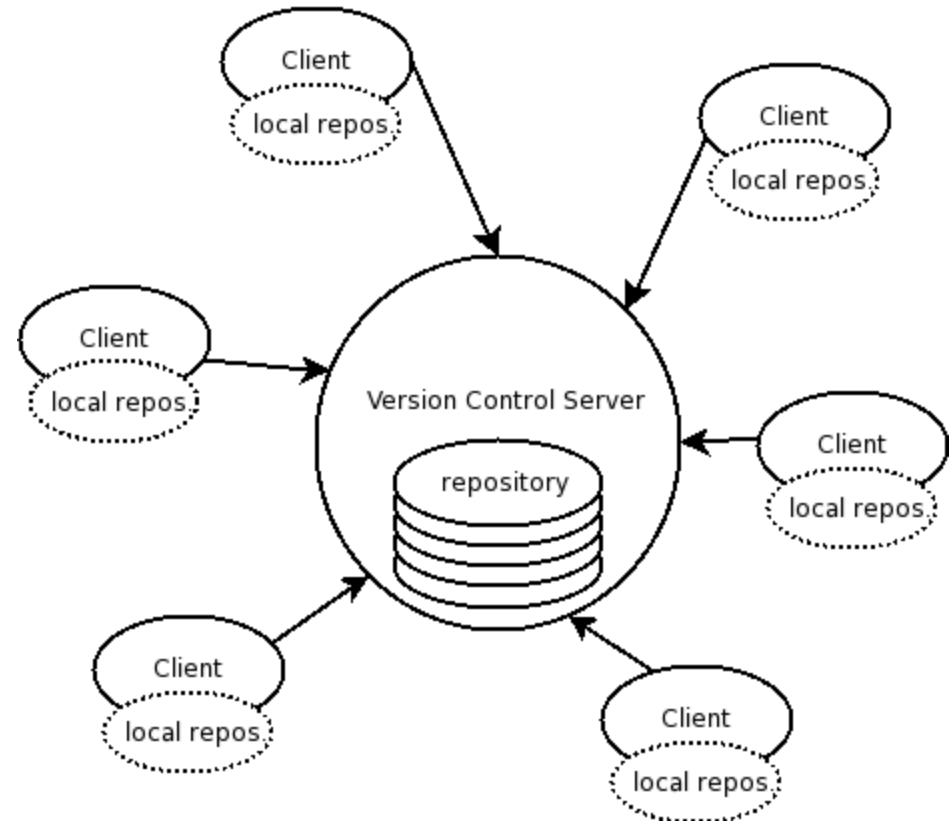


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Subversion 101

- Version control software
- Open source
- Client / Server
- Files to edit are pulled down from server, modified locally, then submitted back to the server repository
- Server merges local version changes and manages revision history



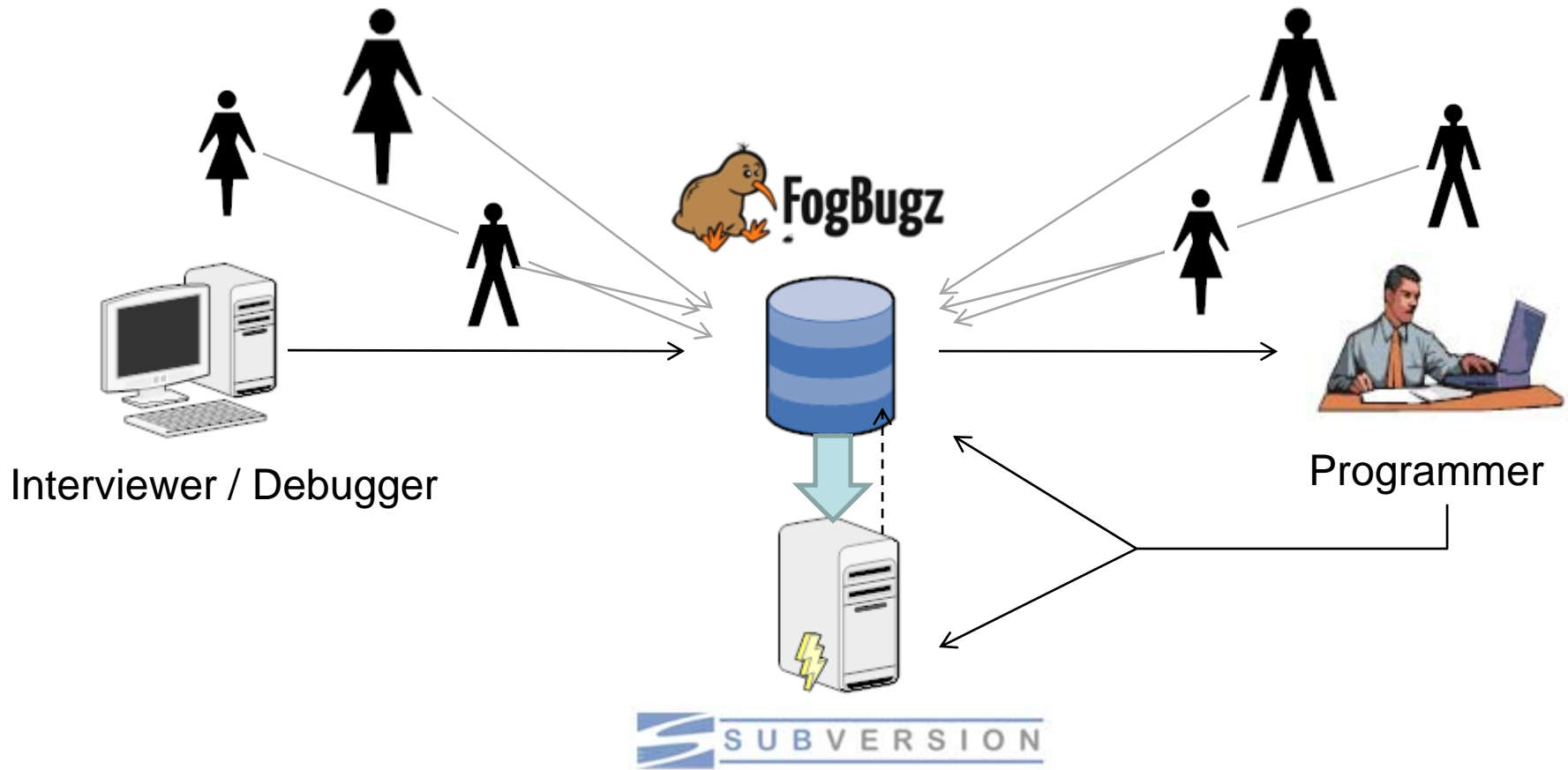
FogBugz 101

- Web-based bug tracking system
 - Can run local or hosted at Fog Creek Software
 - Closed source [1]
-
- [1] Can hack PHP if run locally

Subversion and FogBugz Integration

- New versions of code can refer to specific bug IDs from the bug database
- FogBugz interface links to the code database

Bug Lifetime



Demo



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System Requirements

- Subversion
 - Server
 - Free software
 - UNIX or Linux preferred (LAMP)
 - Windows possible
 - Client
 - Free clients for all major OSs
 - Tortoise SVN for Windows
 - Support in most IDEs
- FogBugz
 - Server
 - Windows, Linux, Unix
 - IIS or Apache
 - PHP
 - Cost
 - \$25 per user per month hosted or \$200 per user if run locally (plus discount for academic and non-profit users)

Conclusion

- Version control software is very, very useful
- Fogbugz has been great
- Thus ends my odyssey
- For more information contact:

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