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High performance tools to debug, profile, and analyze your applications

Allinea Forge Highlights and What's New in Version 6

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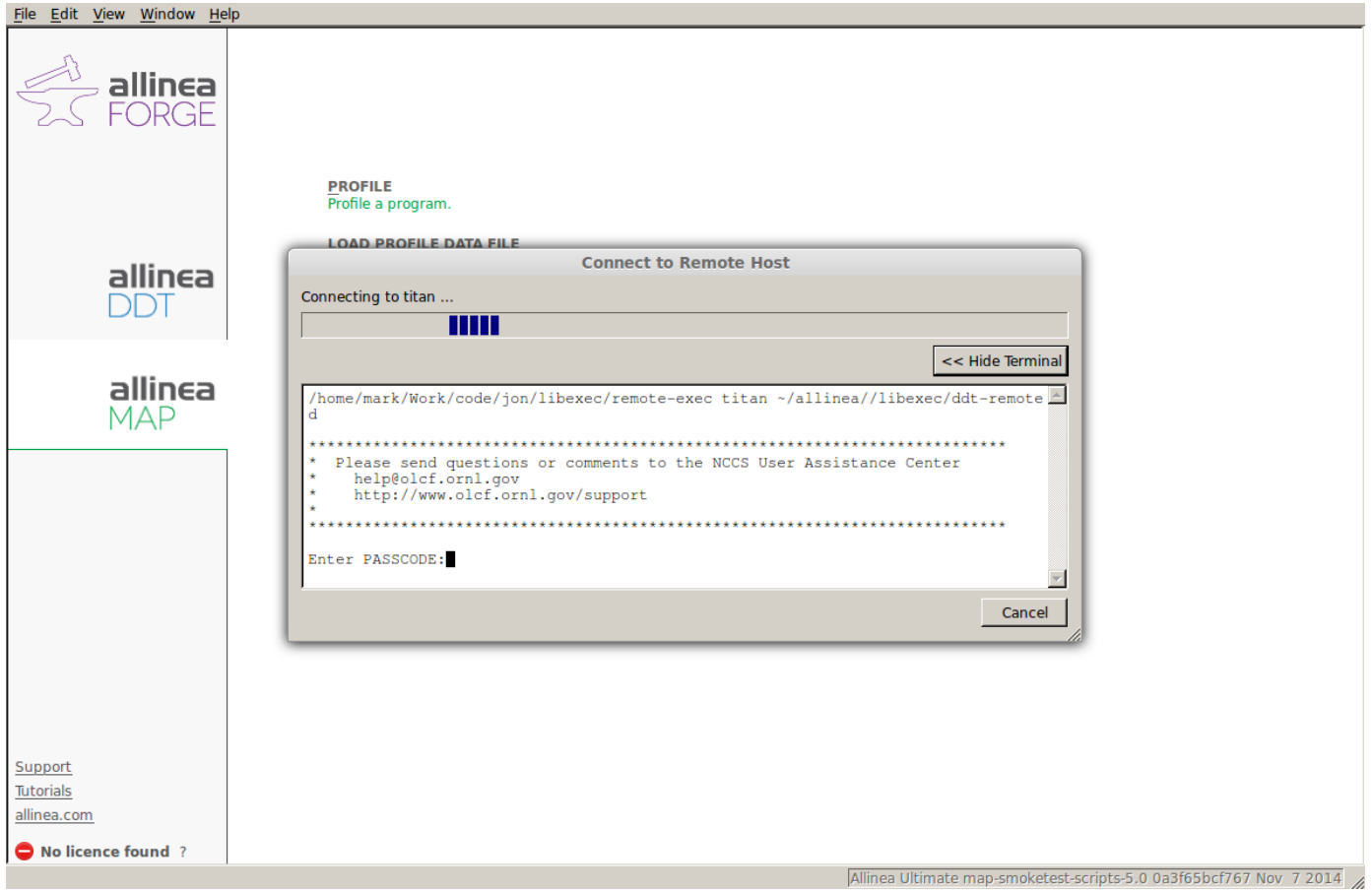
Some Favorite Features that are Underutilized …

- Connecting with the client
- Version control integration
- Reverse connect
- Debugging logbook
- Offline debugging
- Regression Testing
- Profiling Energy and Power Usage

HPC means being able to work productively on remote machines

- Linux
- OS/X
- Windows
- Multiple hop SSH
- RSA + Cryptocard
- Uses server license



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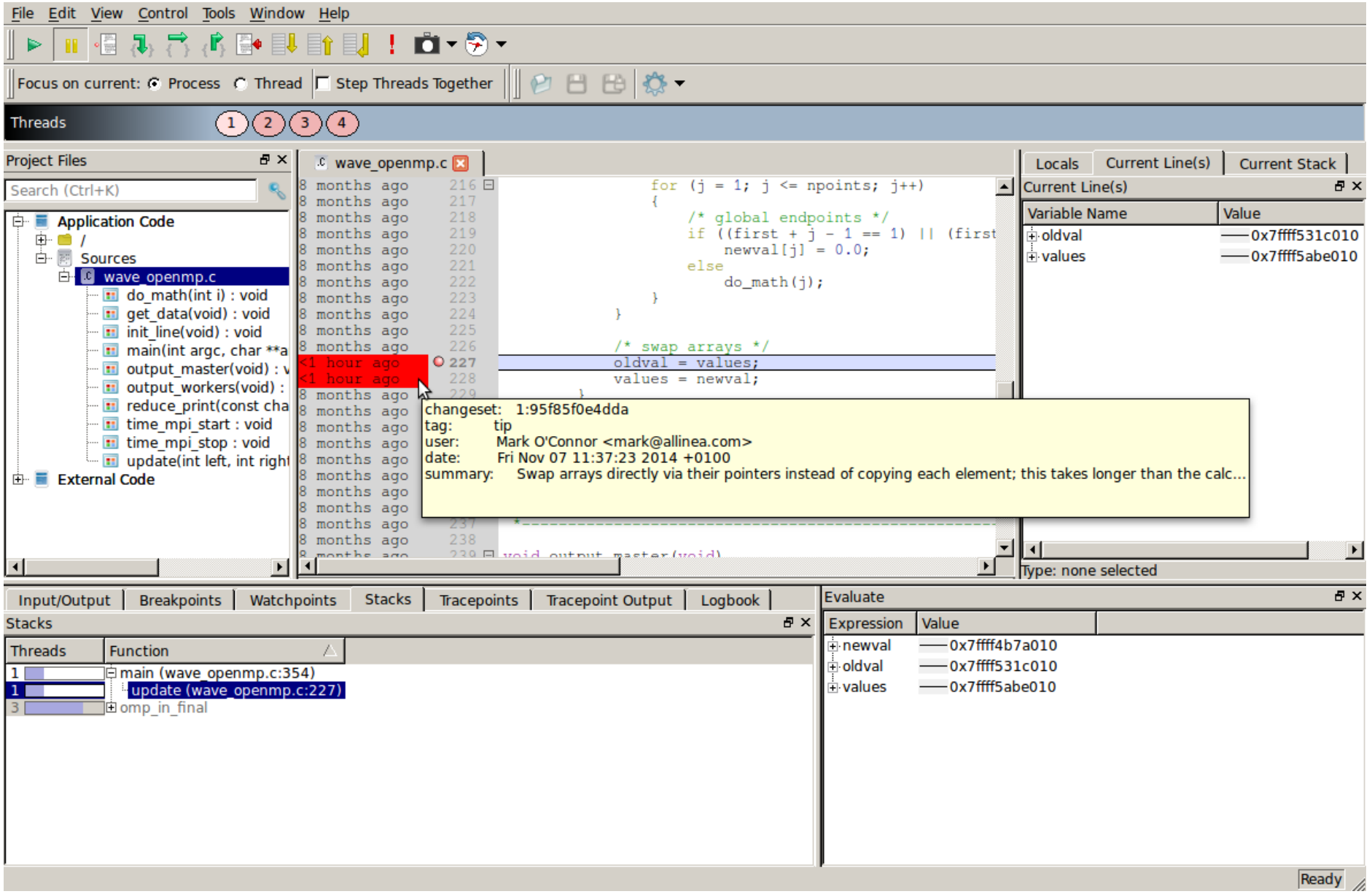
Our Tools Integrate with Version Control Systems



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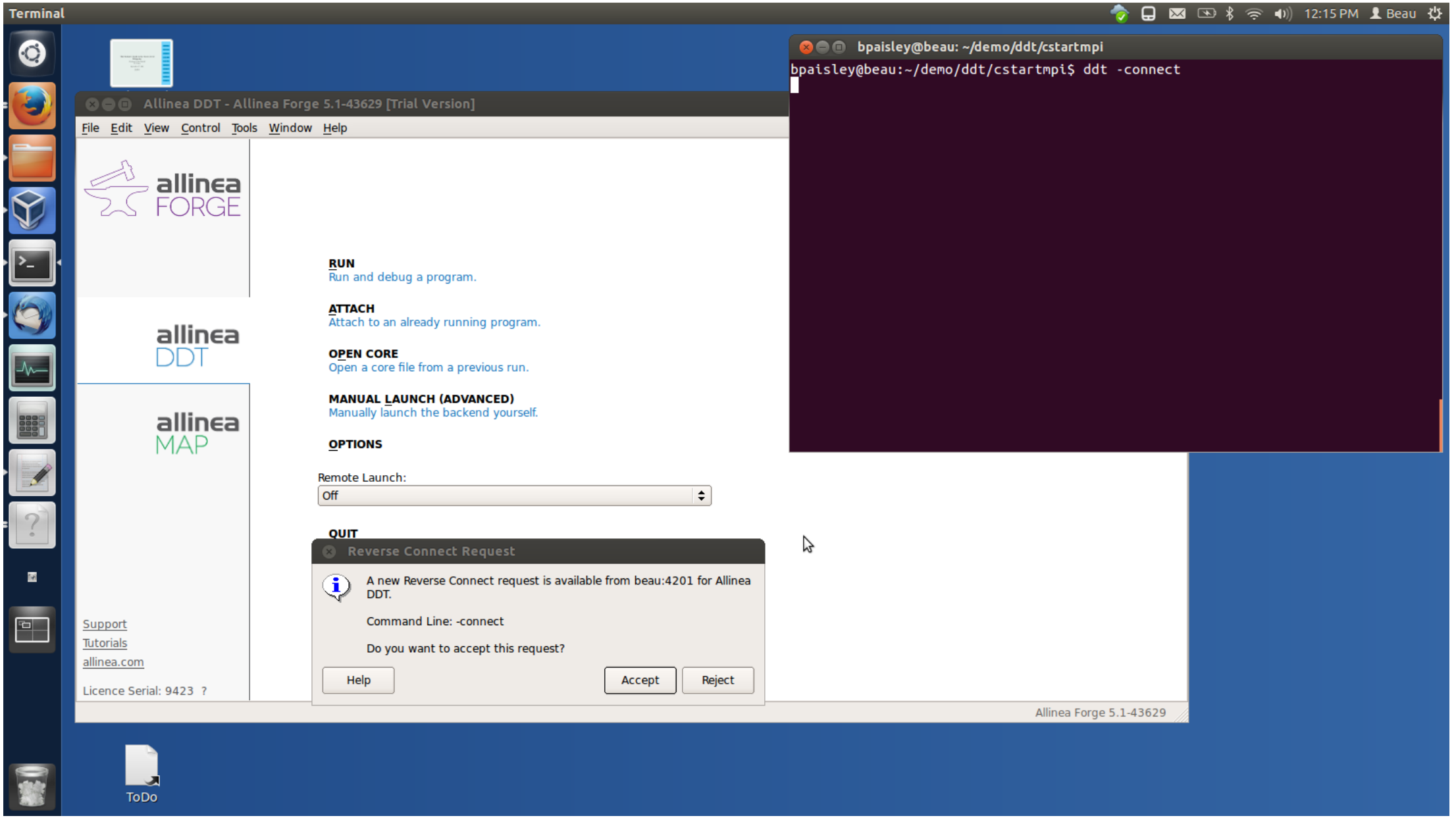
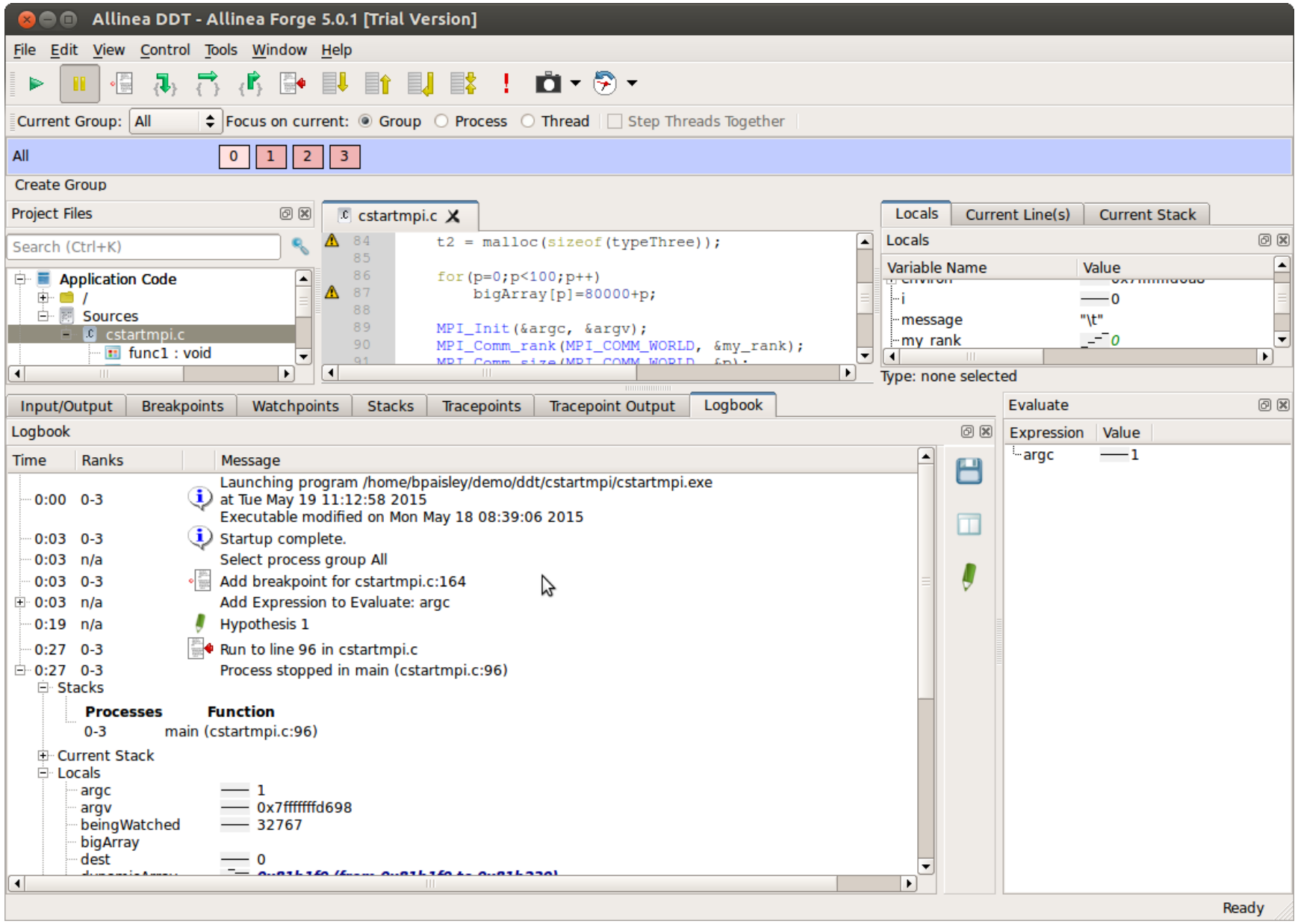
Reverse Connect Simplifies Batch System Integration



Debug with the Scientific Method



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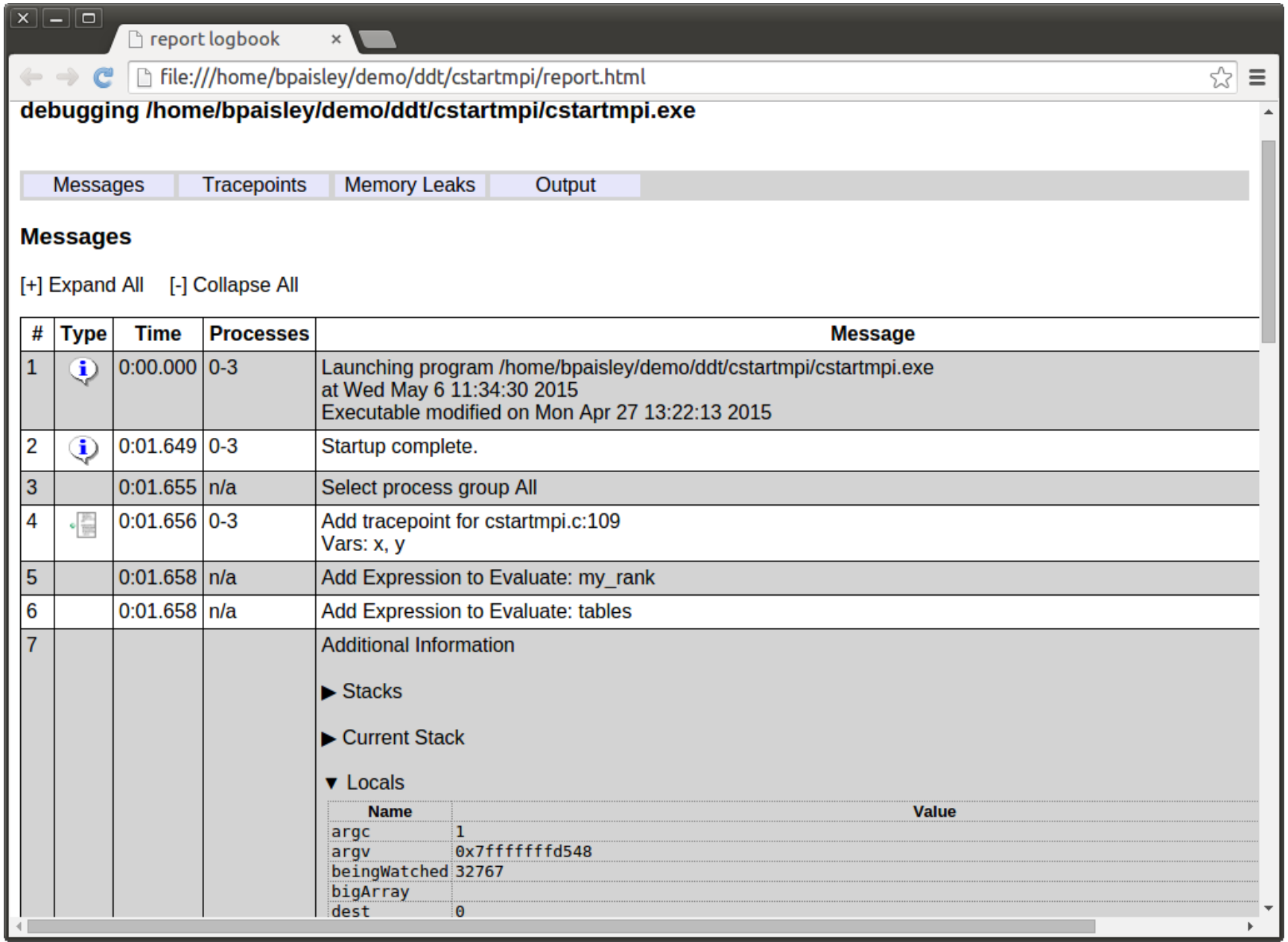
Debugging While you Sleep



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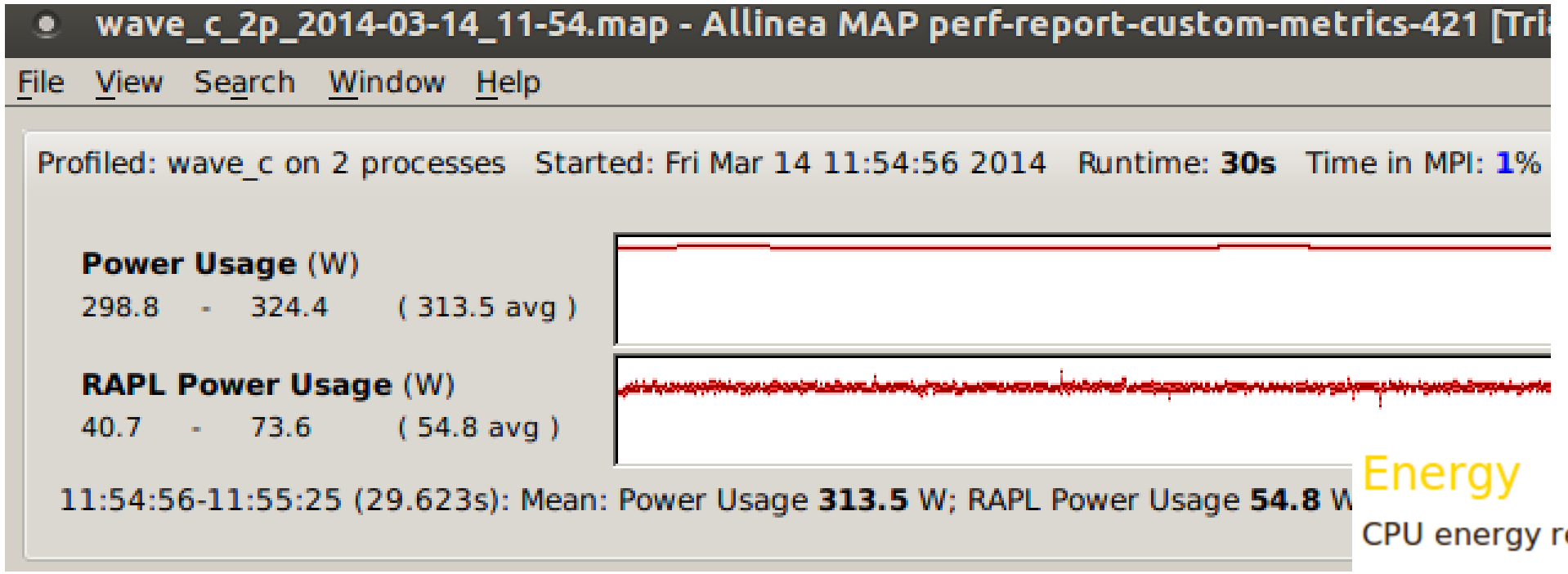
Profiling Energy and Power Usage



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Energy

CPU energy report:

Total energy	1796.22 J
Peak power	67.00 W
Average power	59.99 W

Whole system energy report:

Total energy	9180.01 J
Peak power	320.00 W
Average power	306.59 W

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What's New in Version 6

- Deeper Profiling
- Custom Metrics
- View MAP Files without a license
- New Platforms – ARMv8, POWER8, CUDA 7.5

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- Improved Memory Debugging
- New Offline Features
- New Platforms – ARMv8, POWER8, CUDA 7.5

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High performance tools to debug, profile, and analyze your applications

Resources at allinea.com

https://www.allinea.com/videos

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