JMeter, LoadRunner Head to Head

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When Quality Matters

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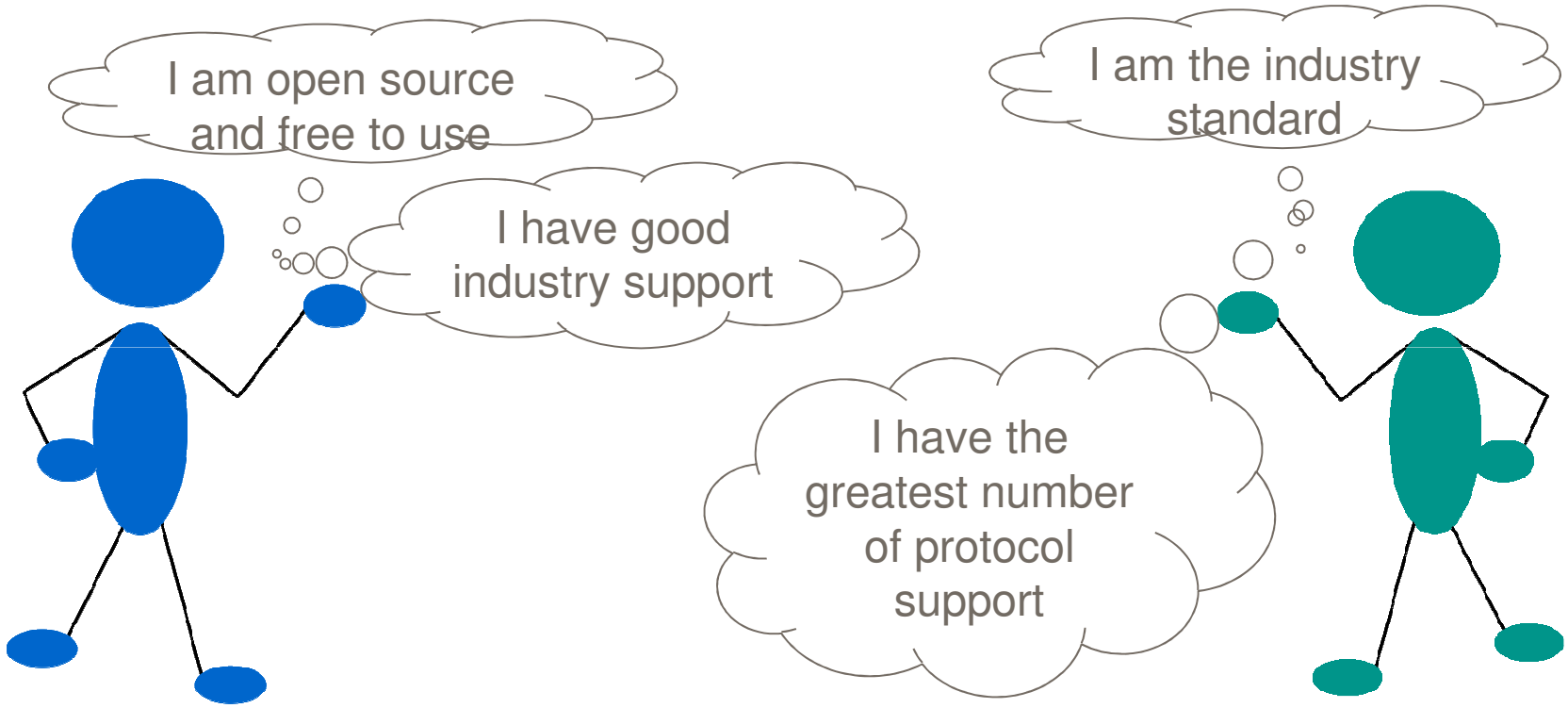

Apache JMeter

HP LoadRunner

Background

Apache JMeter

- Apache's open source performance test tool
- Limited protocol support
- GUI Interface driven by XML file
- Pure Java (works on any OS that supports a JVM)

HP LoadRunner

- HP's BTO performance test solution
- 54-77% Market Share
- Large protocol support
- C based Language, Java, Java Script and VB (C Based language is normally used for the majority of the scripts)
- WIN32 program (Written in C++)

CO$T

Apache JMeter

HP LoadRunner

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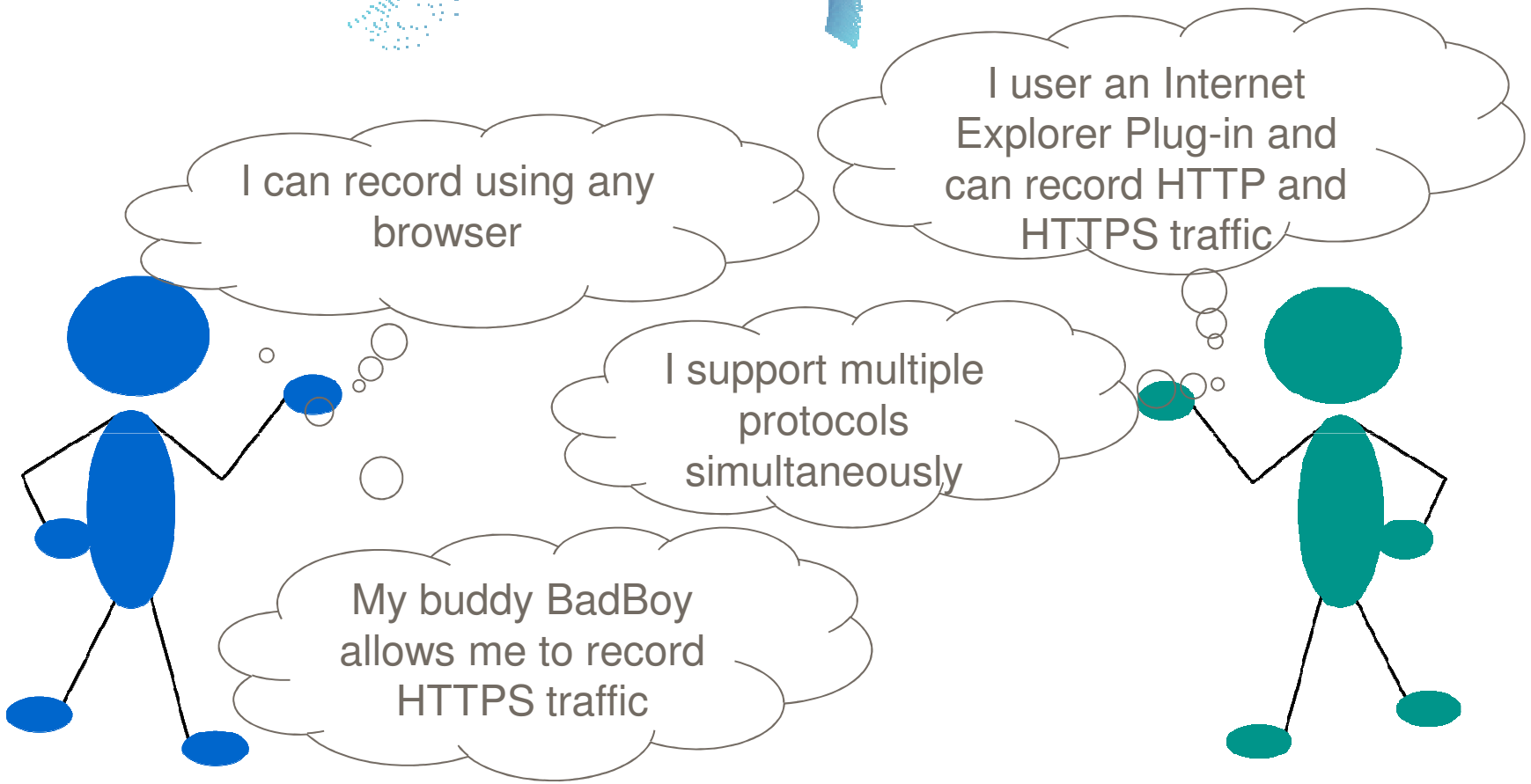
Recording



Apache JMeter

HP LoadRunner

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Support

Apache JMeter

HP LoadRunner

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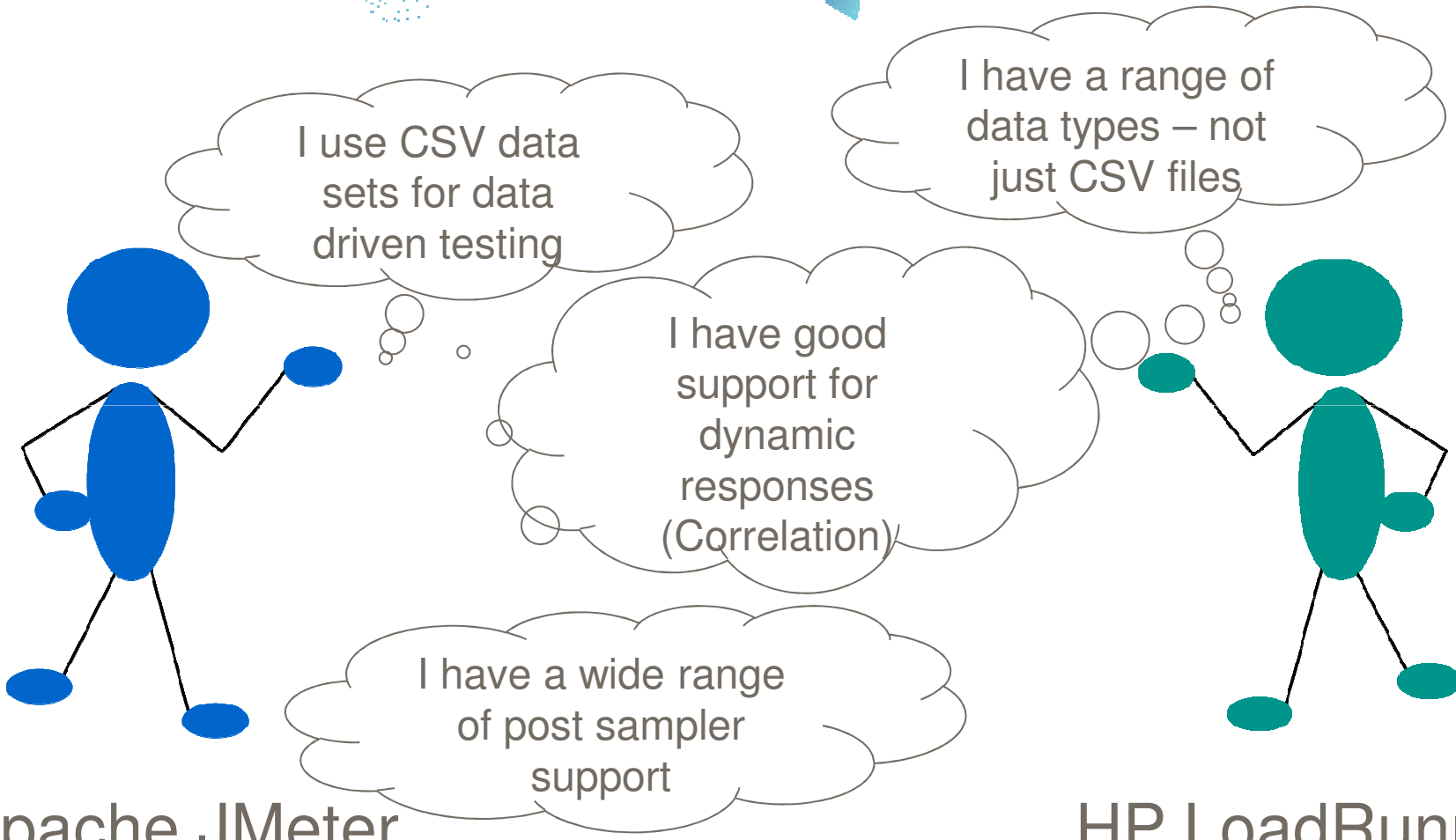
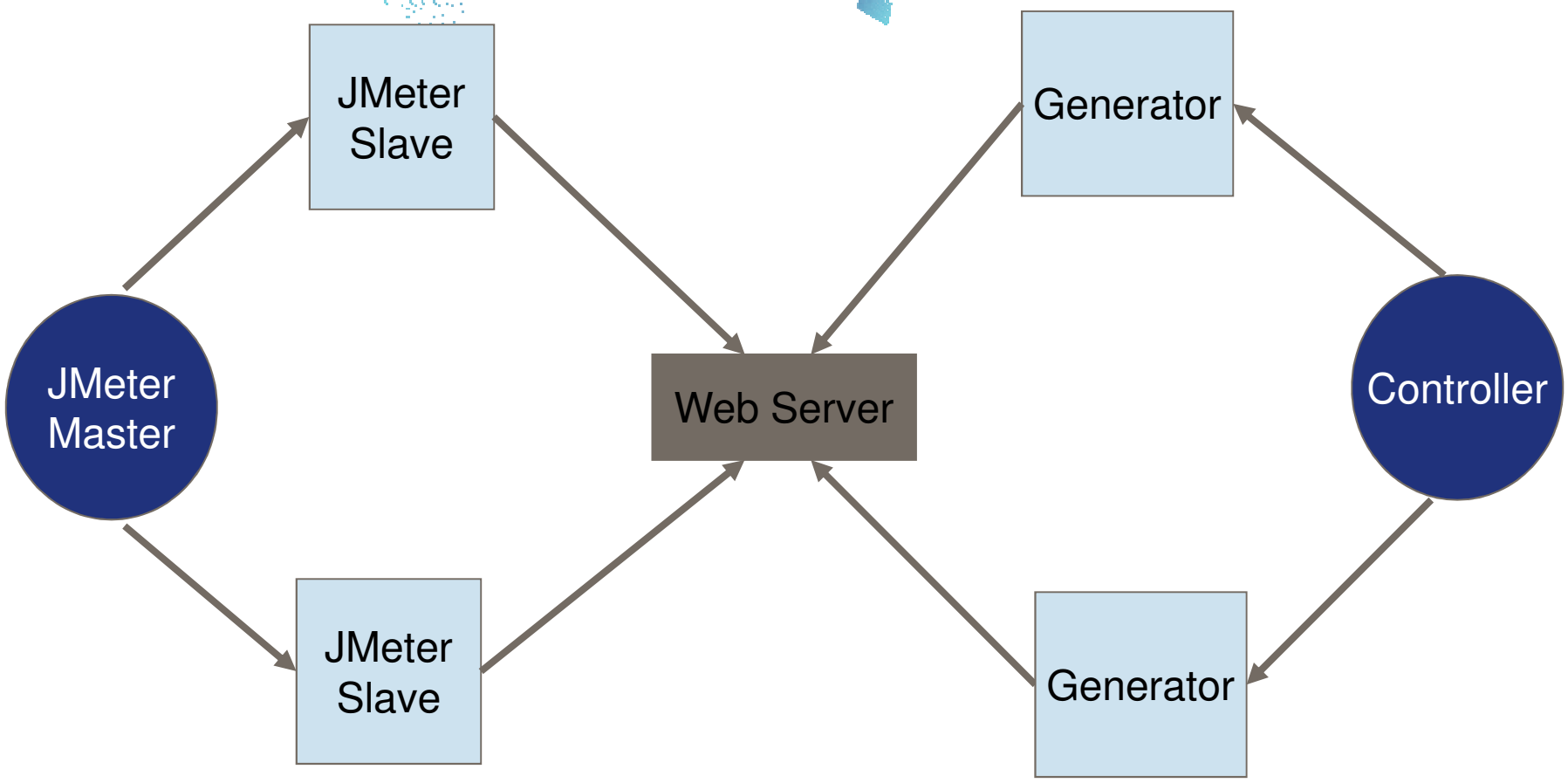
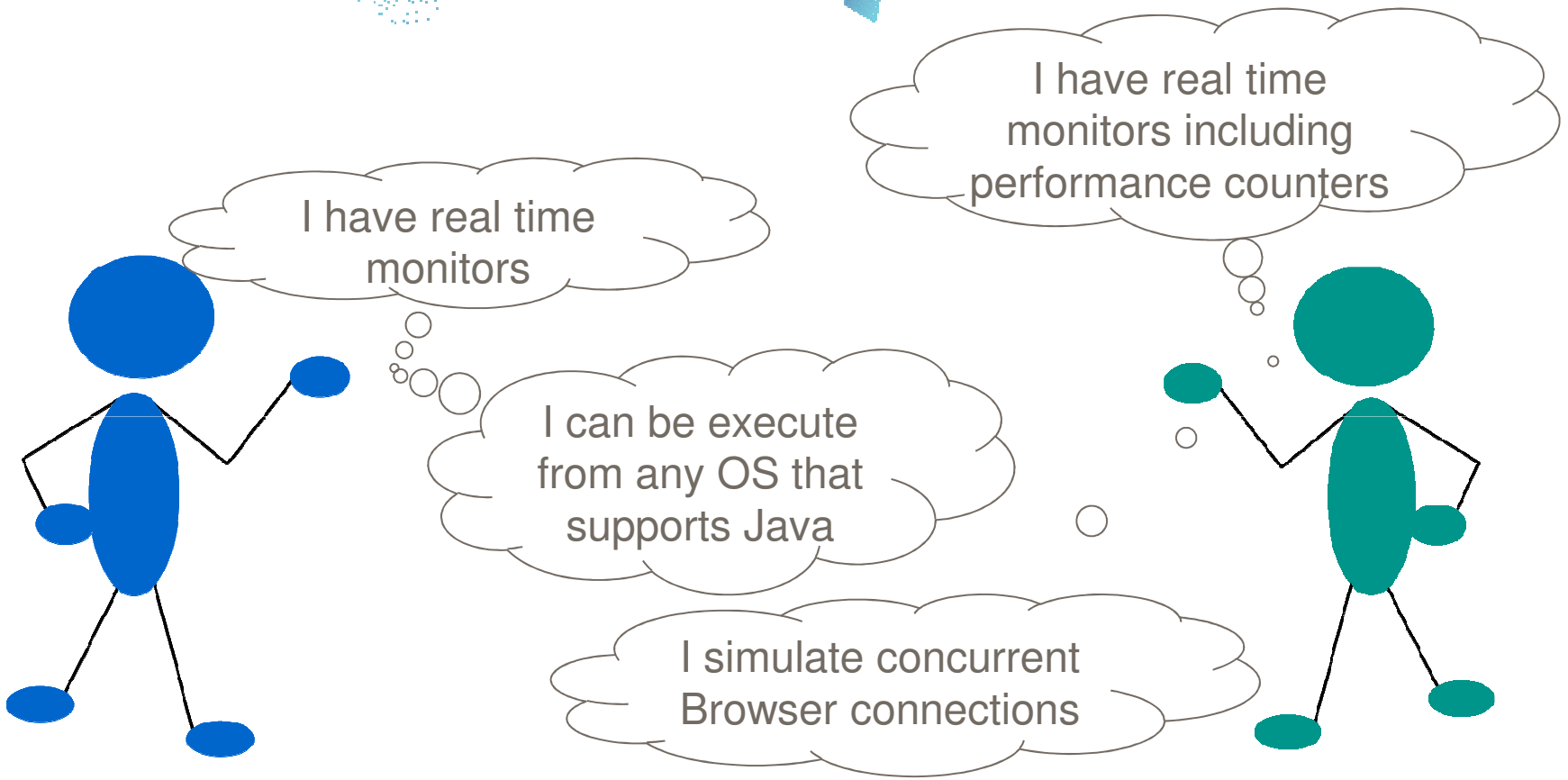
Variables and Parameters



Scalability



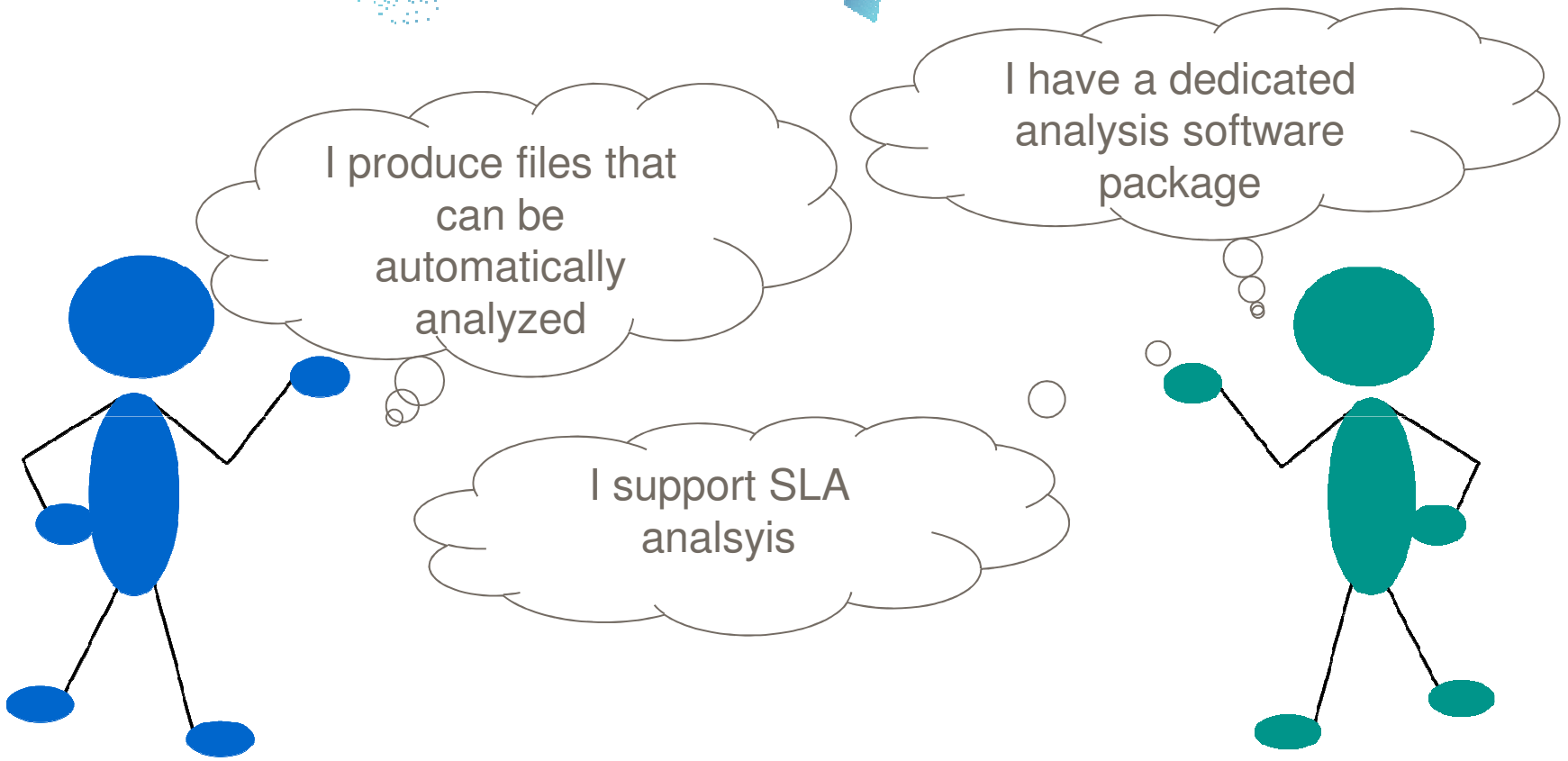
Script Execution



Apache JMeter

HP LoadRunner

Results



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Summary

Both LoadRunner and JMeter can successfully be used for performance testing – the cost of LoadRunner licenses will be offset with the additional effort of a implementing JMeter tests.

For complex projects (SAP web…) I recommend using LoadRunner and recommend using JMeter for simpler projects (J2EE and other websites without a large amount of Correlation)