Sahi – Web Automation Tool

Light weight tool for Agile processes

What is Sahi?

- Sahi is a light-weight web testing tool

- Added bonus of record and play

Why?

- Lessen drudgery (Automate)

- Encourage Functional Testing by developers

- Perform automated Functional Testing with builds (Continuous Feedback)

How does Sahi help?

- Record and playback
- Deployable on every developer machine
- Text based scripts shareable through URLs
- Bugs can be recorded and reproduced
- Ant support

Who can use it?

- Developers – while fixing and reproducing bugs

- QAs – for functional testing and bug reporting

- Business Analysts – for defining and verifying functionality

What does Sahi offer?

- Recording
- Easily editable scripts
- Simple APIs
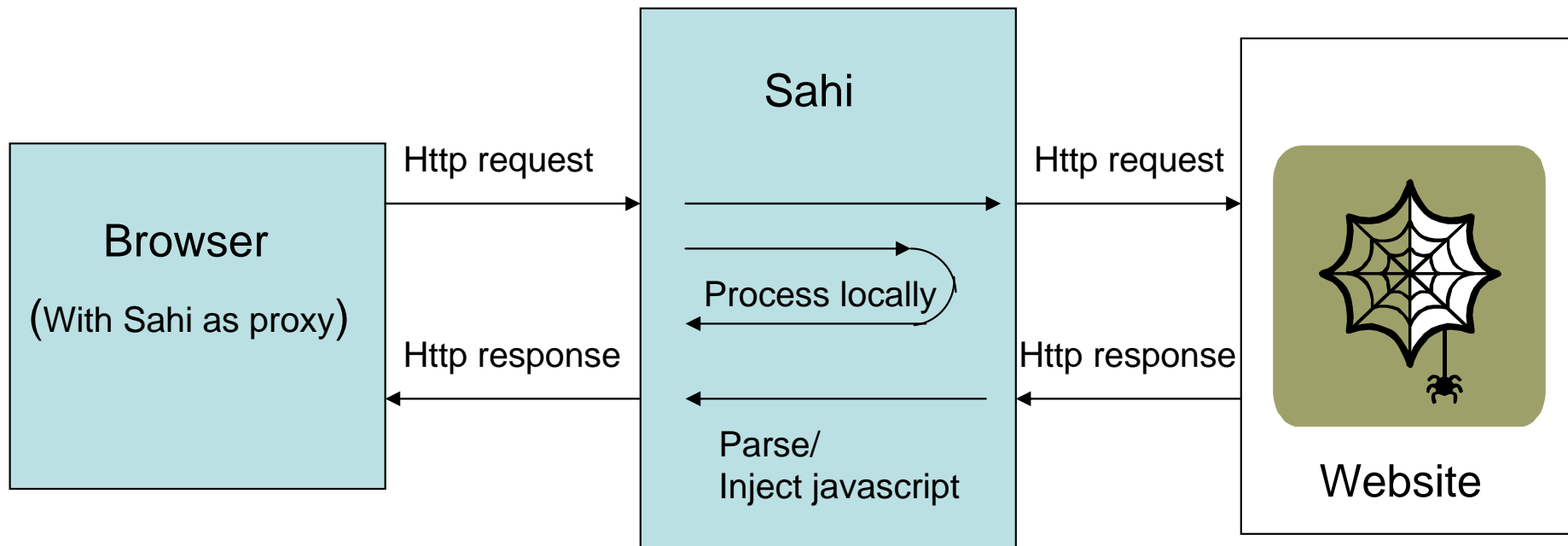- URL based script access
- Javascript language support

More …

- Simple Logging
- Ant Integration
- Runnable from Command line
- No keyboard/mouse locking during playback

What is its USP?

- Ease of use
- Light weight
- Javascript support
- Refactorable scripts
- Inexpensive (free!)

Architecture

Browser

(With Sahi as proxy)

Http request →

Sahi

→ Process locally

← Parse/
Inject javascript

Http response ←

Http request →

Http response ←

Website

Java based proxy server
injects javascript code

DEMO TIME!

Enhancements

- More control in Playback mode
- Editor (type safety) support
- FIT support
- Event APIs
- HTTPS support
- LOADS of bugfixes!
- Browser alerts suppression

Limitations

- File upload dialogs
- Access of objects not accessible through javascript

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