Kettle

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21th Annual Tcl Conference
Embassy Suites Downtown, Portland, OR
Nov 10 – Nov 14 2014

Kettle

- Application and DSL for building Tcl packages
  - Including critcl-based packages
- Automatically detects and handles
  - (Cri)Tcl packages → install, uninstall, reinstall
  - Documentation (doctools) → generate, install, …
    - Diagrams and figures (Tklib dia) → regenerate (png, ...)
  - Testsuites → run
- Command line is make-like
  - Targets (Goals)
  - Options

Kettle – Example Specification

- build.tcl file of Cmdr

```
#!/bin/sh
# -*- tcl -*- \
exec kettle -f "$0" "${1+$@}"
# For kettle sources, documentation, etc. see
# - http://core.tcl.tk/akupries/kettle
# - http://chiselapp.com/user/andreas_kupries/repository/Kettle
kettle tcl


#!/usr/bin/env kettle -f
kettle tcl
```

Kettle – Example Use

% ./build.tcl install
… elided lots of output

% ./build help
… Show help on available targets and options.

% ./build.tcl doc
… Regenerate embedded documentation

% ./build.tcl figures
… Regenerate documentation figures

% ./build.tcl test
… Runs the testsuite

Kettle – Location

- USB Stick

- http://core.tcl.tk/akupries/kettle