Cmdr

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20th Annual Tcl Conference
Bourbon Orleans Hotel, New Orleans, LA
Sep 23 – Sep 27 2013

Cmdr – 1 Year Later

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

Cmdr – Future Past

- Is the immediate / deferred distinction needed?

- Global options

- Hardwired boolean/presence

  - Can it be generalized?

- Additional and/or generalized validation types

  - For example: Integer ranges.

  - Type-specific interactors

- More help formats? (doctools)

- Overlay of a logical structure on help.

Cmdr – Past Present

- Is the immediate / deferred distinction needed?
  - Current use cases do not strongly signal either way
  - No changes, still present
- Global options
  - **Done** – [fc97d9c23b] (Aug 26)
- Hardwired boolean/presence
  - No changes, no ideas around things yet
- Additional validation types (like ranges)
  - **Added** double, percent
  - No ranges however. Yet.

Cmdr – Past Present

- Generalized validation types (Interactors)

  - No changes to the API

  - **However**

    - **Added** support package **cmdr::ask** contains simple interactors we can use (Ex: **cmdr ask menu** …)
    - **Added** utilities to make common nice fail messages for use in custom VT

- More help formats?

  - **Added** Tcl (variant of Json), SQL, Categorized

  - doctools → Not yet, but on Radar now for FX

- Overlay of a logical structure on help.

  - **Done** – See above → Categorized

Cmdr – Past Present

- Other things
  - **Added** various support packages
    - cmdr::tty – Nicer API around TclX command
    - cmdr::color – Terminal colorization support
    - cmdr::history – Command history support
  - Tweaks to help
    - **Added** option argument information, use in help.
    - **Added** $PAGER support (Requires extended linenoise)
  - Tweaks to callback specification & handling
    - **Now** append semantics → Easier setup and use of multiple actions
    - **Added** exclusion helper [disallow $paraname]
    - **Added** propagation helper [touch $paraname $value]

Cmdr – Location

Where ?

- Unchanged

- The Conference eProceedings ($\equiv$ USB-Stick)

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

- http://chiselapp.com/user/andreas_kupries/repository/cmdr

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Cmdr – References

Supporting packages & tools

- The Conference eProceedings ($\equiv$ USB-Stick)

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

- http://core.tcl.tk/akupries/linenoise-utilities

- https://github.com/andreas-kupries/tcl-linenoise

  - https://github.com/andreas-kupries/linenoise

  - https://github.com/msteveb/linenoise

    - (https://github.com/antirez/linenoise)

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