Jacl Modernization 2009

Google Summer of Code Project

Radoslaw Szulgo

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   - New Regexp API
   - Trace
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**Who am I?**

- **Name:** Radoslaw Szulgo (Radek for short)
- **From:** Gdansk, Poland
- **Google Summer of Code 2009 participant**
- **Work on:** Jacl Modernization
- **Interests:** Java, Open Source projects, Travelling
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What is Jacl and TclJava Project?

- Tcl’s implementation in Java
  - Currently is (almost) Tcl 8.4 compliance level
  - Maintained mainly by Mo DeJong
  - TclBlend, TJC (tcl 2 java compiler)
  - Aejaks by Tom Poindexter
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Goals of project

- Get into the Jacl and Open Source development
- Get Jacl to the Tcl 8.4 compliance level
- Make Jacl more popular again.
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What was done?

- Use of Java 1.4 Regex API
- Wrapping Java’s Regex
- Testing with Tcl 8.4 test suite
What was done?

- trace cmd rebuilt
- trace variable implemented
- trace command is still developed
What was done?

- new clock formats, file command switches, glob switches
- info, lset, lsearch, lsort
- interp recursion limit, scan and many others
Plans for future

- Channel I/O via Java NIO
- Tcl 8.5 compliance level
- Swank Project?
Where to find more info?

- **tcljava-user** and **tcljava-dev** mailing list at SF
- https://sourceforge.net/projects/tcljava/
- Contact with me, Tom Poindexter or Mo DeJong