



Jacl Modernization 2009

Google Summer of Code Project

Radoslaw Szulgo

16th Annual Tcl Conference, Portland

October 1, 2009

1 Introduction

- About me
- About Jacl
- About my project

2 Steps of modernization

- New Regexp API
- Trace
- Other commands

3 Plans for future

- Plans for future





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



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



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



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



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



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



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



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



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



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



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.



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.



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.



What was done?

- Use of Java 1.4 Regexp API
- Wrapping Java's Regexp
- 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