Tcl/Tk
Google Summer Of Code
2010

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17th Annual Tcl Conference
Hilton Suites, Oakbrook Terrace, IL
Oct 11 – Oct 15 2010

Tcl/Tk GSoC 2010

- Background
- Tcl Community
- Past Work
- Present Work
- Future

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GSoC Background

- Operated and paid for by **Google**
- **Students** get Summer Internships
- At **Mentor Organizations**
- Both apply with Google.
- Currently in its 6th year.

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Tcl/Tk Community

- Our Mentor Organization is the

  Tcl Community Assocation

  - Currently for the 3rd time.

- We have several Tcl-related Projects under our Wing, making us an **Umbrella** organization.

  - Core

  - AMSN

  - OpenACS

Tcl/Tk Community

- Managed via the **Tcler's Wiki**.
- Main page   @ http://wiki.tcl.tk/25801
- 2010 Application   @ http://wiki.tcl.tk/25802
- 2010 Ideas/Projects @ http://wiki.tcl.tk/23186
- Administrator: Matthew Burke

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Tcl/Tk GSoC in the Past

- First application in 2007, rejected.
- Applications in 2008, 2009 accepted.
- Got nine slots for Students in both years.

Tcl/Tk GSoC in the Past

2008

Alexandros Stergiakis	Tcl FUSE (Filesystem in User Space) Language Binding	Stephen Huntley
Daniel Hans	Loading shared libraries from memory and/or Tcl channels	Andreas Kupries
Matthew Gagen	AOLServer-GD Integration	Matthew Burke
Franz Wirl	XoTcl: A Business Rule Management System	Gustaf Neumann
Anna Pawelczyk	Update Tk test system project	Jeff Hobbs
Krzysztof Blicharski	Tcl/Tk Printing Support	Clif Flynt
Remigiusz Jan Andrzej Modrzejewski	TclDTrace - the binding of libdtrace to Tcl	Daniel A. Steffen
Alejandro Eduardo Cruz Paz	Graph Manipulations	Steve Landers
Mohamed Abderaouf Bencheraiet	C Library for Audio input/output and a TCL ext	Youness Aloui

Tcl/Tk GSoC in the Past

2009

Michael Aram	SCORM Compliant Content Packaging for Wiki-based Content Development	Gustaf Neumann
Sławomir Cygan	TDBC Driver Development	Kevin Kenny
Daniel Kloeck	Regexp engine cleanup	Jeff Hobbs
Krzysztof Blicharski	Tcl/Tk Printing Support	Clif Flynt
Alexandros Stergiakis	Improve GIS support in Tcl	Steve Huntley
Łukasz Miądowicz	Image Handling Enhancement	Youness Alaoui
Radoslaw Szulgo	Jacl modernization	Tom Poindexter
Michał Antoniewski	Graph Manipulations	Andreas Kupries
Paraskevi Nikolaidou	HTTP/1.1 support and Chameleon, native look for Tk widgets	Pat Thoyts

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Tcl/Tk GSoC in the Present

- Only seven slots for Students, two less than before

- Google dialed down in the wake of the economy

Tcl/Tk GSoC in the Present

Our Projects

Michael Aram	SCORM Compliant Run-Time Environment for OpenACS	Gustaf Neumann
Andrew Shadoura	OpenStreetMap package & editor in Tcl/Tk	Matthew Burke
Ewa Leszczynska	Themed Tk on Unix	Jeff Hobbs
Ozgur Dogan Ugurlu	Tcl ByteCode Assembler	Kevin Kenny
Eduardo Santos	OpenACS Abstraction Layer	Colin McCormack
Paraskevi Nikolaidou	MSNP2P refactoring for aMSN	Youness Alaoui
Guilherme Goncalves	Base JIT compiler for Tcl	Donal Fellows

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Tcl/Tk GSoC in the Future

- We will apply again next year.

- Work on that has to start now.

  - Administrative Work: Update the application.

  - Restart/Continue collection of Ideas.

  - Reach out to students and mentors.

- The last is a task for the whole community.

  - Don't Hide