Tcl/Tk
Google Summer Of Code
2011

Andreas Kupries
ActiveState Software Inc.
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Comfort Suites, Manassas, VI
Oct 24 – Oct 18 2011

Tcl/Tk GSoC 2011

- 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 7th year.

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Tcl/Tk Community

- Our Mentor Organization is the

   Tcl Community Assocation

  - Currently for the 4th 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
- 2011 Application   @ http://wiki.tcl.tk/27864
- 2011 Ideas/Projects @ http://wiki.tcl.tk/26127
- Administrator: Andreas Kupries
- Co-Administrator: Matthew Burke

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Tcl/Tk GSoC in the Past

- First application in 2007, rejected.

- Applications in 2008 - 2010 accepted.

- Got nine slots for Students in the first two years, then 7 last year. Slightly above the average in all years.

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Tcl/Tk GSoC in the Past

2008

Alexandros Stergiakis	Tcl FUSE (Filesystem in User Space) Language Binding	
Daniel Hans	Loading shared libraries from memory and/or Tcl channels	Andreas Kupries
Matthew Gagen	AOLServer-GD Integration	
Franz Wirl	XoTcl: A Business Rule Management System	
Anna Pawelczyk	Update Tk test system project	
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	
Mohamed Abderaouf Bencheraiet	C Library for Audio input/output and a TCL ext	

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

Tcl/Tk GSoC in the Past

2010

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 Present

- Only seven slots for Students, same as last year.

- A bit more than the average number of students per organization, like in all years.

- The numbers are in the paper.

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Tcl/Tk GSoC in the Present

Our Projects

Michael Aram	WPS Packaging Infrastructure, OpenACS	Gustaf Neumann
George Andreou	A Tcl Binding for Hwloc	Andreas Kupries
Krzysztof Kwasniewski	Debugging Tools for NRE	Miguel Sofer
S. M. Saurabh	Extending and Evolving Crimp	Kevin Kenny
Michal Poczwardowski	Tcl Plugin for Netbeans	Arnulf Wiedemann
Saurabh Kumar	Micro-Benchmarking, CPU Perf Counters	Edward Brekelbaum
Lars Hellström	Stasher, Tcl_Obj intRep as cache in scripts	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