



Bisoños Usuarios de GNU/Linux de Mallorca y Alrededores | Bergantells Usuaris de GNU/Linux de Mallorca i Afegitons

Disponible Valgrind 1.0.0 (5845 lectures)

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Paseando por **SlashDot** he visto la noticia de la liberación de **Valgrind** un debugger **GPL** para x86-GNU/Linux, que ha alcanzado la versión 1.0.0, y que parece que funciona muy bien, situandose *casi-casi* al nivel de **Purify** ...

Valgrind is a GPL'd tool to help you find memory-management problems in your programs. When a program is run under Valgrind's supervision, all reads and writes of memory are checked, and calls to malloc/new/free/delete are intercepted. As a result, Valgrind can detect problems such as:

- Use of uninitialised memory
- Reading/writing memory after it has been free'd
- Reading/writing off the end of malloc'd blocks
- Reading/writing inappropriate areas on the stack
- Memory leaks -- where pointers to malloc'd blocks are lost forever
- Passing of uninitialised and/or unaddressible memory to system calls
- Mismatched use of malloc/new/new [] vs free/delete/delete []
- Some misuses of the POSIX pthreads API

Muy buen trabajo de **Julian Seward**. Desde [aquí](#)⁽¹⁾ felicitarle por su potente herramienta **Valgrind**, que ya se está utilizando, con gran éxito, en proyectos como **KDE 3**, **Gnome**, **Mozilla** y **AbiWord** entre otros.

Valgrind, an open-source memory debugger for x86-GNU/Linux

<http://developer.kde.org/~sewardj/>⁽²⁾

- Documentación de Valgrind, version 1.0.0
<http://developer.kde.org/~sewardj/docs/>⁽³⁾
- The design and implementation of Valgrind
Detailed technical notes for hackers, maintainers and the overly-curious
<http://developer.kde.org/~sewardj/docs/techdocs.html>⁽⁴⁾
- Valgrind 1.0.0 Released (Noticia en Slashdot)
"Yesterday saw the official release of Valgrind 1.0.0. Valgrind is a C/ C++ programmer's dream come true: effortless memory allocation checking, uninitialized memory access, leaks etc. Purify for Linux has arrived, only better: contrary to its commercial (non-Linux) sibling, checking is performed directly on the executable, no re-linking necessary. The technology behind Valgrind is highly fascinating and explained down to the very gory details in the documentation."
<http://slashdot.org/article.pl?sid=02/07/28/1833225>⁽⁵⁾

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http://bulma.net/todos.phtml?id_autor=132⁽⁶⁾



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1. <http://bulma.net>
2. <http://developer.kde.org/~sewardj/>
3. <http://developer.kde.org/~sewardj/docs/>
4. <http://developer.kde.org/~sewardj/docs/techdocs.html>
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