

SPECgpc Group



SPECviewperf 12:

A new beginning

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SPECgpc chair

SPECgpc Group



- **Creates unbiased benchmarks that characterize performance based on popular graphics applications**
- **Developer of SPECviewperf benchmark based on traces of popular graphics-intensive applications**
- **Members: AMD, Apple, Dell, Fujitsu, HP, Intel, Lenovo, NEC, NVIDIA**

SPECviewperf 11 (current version)



- **New GUI for easier installation, multiple runs, accessing results**
- **Bigger, more realistic viewsets based on traces of newer applications**
- **New support for GL2 shaders and vertex buffer objects (VBOs)**
- **Still free for downloading on www.spec.org.**

On the horizon – SPECviewperf 12

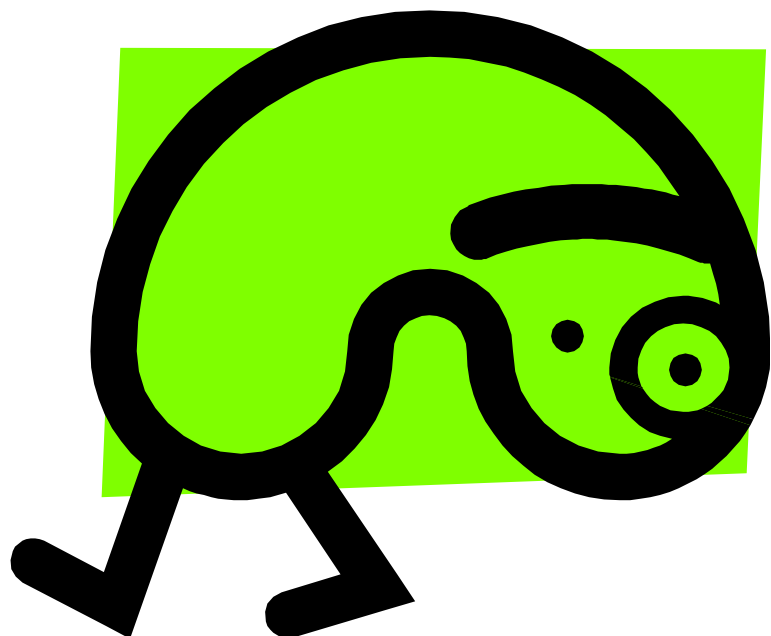


On the horizon – SPECviewperf 12



Rewriting from the ground up – first complete rewrite in 17 years.

On the horizon – SPECviewperf 12



**FLEXIBLE – Supports
OpenGL (and that other API) upon
release; open to other
APIs in future, i.e.,
OpenGL ES**

On the horizon – SPECviewperf 12



SIMPLE to add viewsets

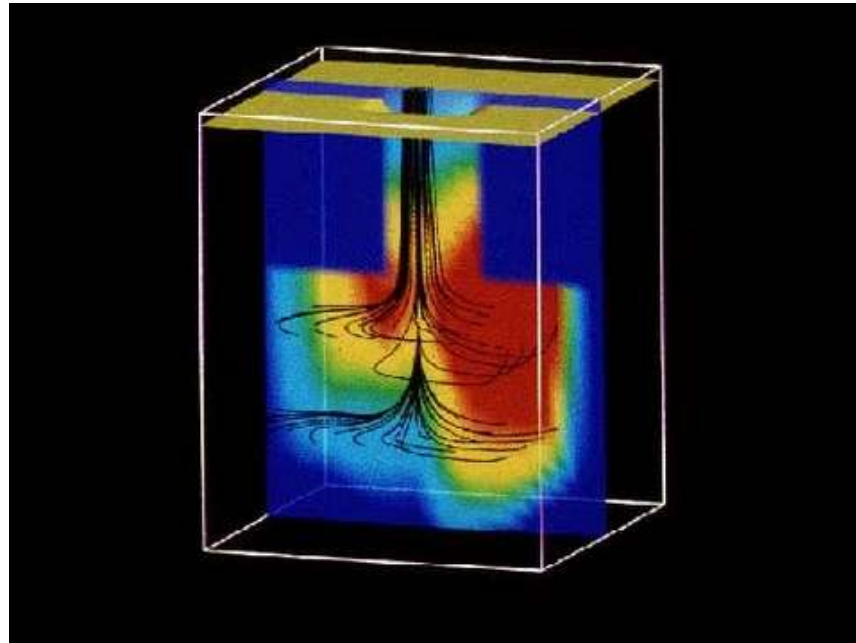
- Viewsets are independent plug-ins
- Can be defined with 5 function calls
- Programmers can generate viewsets in hours, rather than days or months

On the horizon – SPECviewperf 12



**EASILY PORTABLE to OSs
beyond Windows.**

On the horizon – SPECviewer 12



SUPPORTS dynamically generated viewsets, opening the door for medical imaging, CAE and other interactive applications.

On the horizon – SPECviewperf 12



**MAINTAINS
COMPATIBILITY with
existing SPECviewperf
11 viewsets.**

On the horizon – SPECviewperf 12



COMING IN 2012.

Thank you!