

# **1 Computer Aided Teaching system at Mathematics Department at the University of Western Australia**

## **1.1 Kevin Judd <kevin (at) MATHS.UWA.EDU.AU> exclaimed:**

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At the Mathematics Department at the University of Western Australia I have a web-based computer aided teaching system using mod\_perl. The students have individual weekly assignments in calculus, statistics, linear algebra with diagnostics and assessment built in. The system relieves academic staff of the burden of assignment marking and provides more personal interaction with students. The system requires database management and connection to a computer algebra engine. The transfer from a slow/unreliable/Macintosh/Hypercard/Mathematica system to a fast/reliable/web system took a couple of months and I had never programmed in perl before. The whole excersize was amazingly painless and it was entirely mod\_perl's doing.

<http://CalMaeth.maths.uwa.edu.au>

Kevin

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