

Announcement to the Dyalog Community

Dyalog APL Now Available for the Raspberry Pi

Dear Colleague

Today, Dyalog Ltd is delighted to announce the general availability of Dyalog APL Version 13.2 for the Raspberry Pi – models A and B, running Debian-based operating systems, are supported.

Dyalog APL for Raspberry Pi is a complete 32-bit Linux interpreter with the same APL language features as 32-bit Dyalog APL version 13.2 on any other platform, including Linux/x86, AIX and Windows.

The new system for the Raspberry Pi is available via a free download from our website and can be installed using standard “apt-get” commands. By default, the APL system is supplied with a non-commercial licence. For commercial use, or other delivery mechanisms, please contact sales@dyalog.com.

The Raspberry Pi is a single-board computer developed in the United Kingdom by the Raspberry Pi Foundation. Over 1 million units, which retail for as little as US \$25 for the cheapest “Model A” (256Mb RAM, 1 USB port), have been shipped, since they became widely available in early 2012.

The Raspberry Pi foundation aims to interest young people in computers by making sophisticated computer hardware and software easily available for all levels of education, all over the world. APL is highly effective at solving problems that involve performing complex calculations on lists or arrays of data. Its bit-manipulation capabilities make it a great tool for Embedded, Robotics and Computer Vision applications. This makes APL a highly attractive notation for expressing solutions to many of the computational challenges that Raspberry Pi projects are likely to encounter at all levels of education or business.

We are further building an APL-based robot in-house using a Raspberry Pi Model A - affectionately named C3Pi ‘DyaBot’ - and documenting progress in the CTO blog on <http://cto.dyalog.com/>

The system is available via a free download from <http://packages.dyalog.com> and can be installed using standard Linux “apt-get” commands. For commercial use, or other delivery mechanisms, please contact sales@dyalog.com.

We are looking forward to seeing many new interesting applications using Dyalog APL on the Raspberry Pi in the future.

Kind regards

Gitte Christensen
Managing Director

