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# propellerforth

Interactive ANS-subset Forth for the Parallax Propeller microcontroller

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## ReleaseNotes0801

Release notes for the 8.01 release

Updated Jan 29, 2008 by [cbiffle](#)

## Summary

This is the first official public release. (6.11, aka 20061124, was posted on the Parallax Forums last year, but is not canonical.)

Thus, the list of changes in this version isn't complete, but that's okay, since only a few people had 6.11.

## Versions

Builds are currently available for two platform configurations -- the Parallax Demo Board and the HYDRA. To see if your board may be compatible, see the [SupportedTargets](#) list.

During alpha, four variants of the base image were available, with different combinations of features. This has been simplified; a single 8.01 release image is available for each platform, and now contains:

- The basic ANS-subset vocabulary;
- Wordlist/vocabulary support;
- EEPROM access words.

The Asynchronous Serial Port driver provided in the 8.01 alpha release has been withdrawn.

## Status

8.01 is the **current release**.

## History

- 2008-01-29: bugs in <BUILDS, DOES> fixed.
- 2008-01-27: full release
- 2008-01-01: alpha release

## New Features

- Support for wordlists (ANS Search-Order workalike) with F83-style VOCABULARY words.
- New EEPROM access and image creation words allow access to the program storage EEPROM and saving of the current image to permanent storage.

## Bugs Fixed

- Many ANS-compliance issues fixed. Some (such as signed division) remain.
- CONSTANTS can now be 32-bit.
- A subtle bug in +LOOP in the alpha could cause stack corruption (fixed for full release).
- The defining-word words <BUILDS and DOES>, though present, did not work in any previous [PropellerForth](#) release. They now work.

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Comment by [jmoschini0](#), Jun 29, 2009

This is looking very interesting, is source available.

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