Forth 200x Standards Committee Sep 6-8 2017
Minutes

Attendance

- Howerd Oakford (voted by the committee to be full member)
- Sergey Baranov
- Germaine Davies (Observer)
- Willem Botha
- Stephen Pelc
- Leon Wagner
- Andrew Haley
- Anton Ertl
- Bernd Paysan
- Gerald Wodni
- Paul E. Bennet
- Ulrich Hoffmann (from Wednesday 16:00)
- Peter Knaggs (from Thursday 9:00)

Notetakers: SB AE PK

Procedures

Discussion about what to do with proposals on forth-standard.org, and what to do with the old channels (mailing list and comp.lang.forth).

The proposal process moves to http://forth-standard.org. New proposals need to be made only there, and proposals elsewhere are no longer accepted as official. 10Y:0N:0A

The committee can distinguish unfinished, but promising proposals as “committee-supported proposal”.

Reports

Have libraries for the memory access proposals (both of them) SP/LW/BP
and see what sticks 10Y:0:0

Proposals

a) CS-DROP

some revision necessary UH/AE
b) Unsigned double naming convention

Proposal dead, make proposal for destandardizing “123.” AE

d) Quotations

see CfVs

CfVs

Quotations: 11Y:0N:1A

Workshops

a) Publications issues

Discussion. Change the legal notice to make it clearer that Forth-2012 is something more solid than mere drafts. LW
Add features to Forth-standard.org GW
Publish source on Github PK

b) Recognizers

Bikeshedding discussion on names, resulting in suggested name changes. Promote to committee-supported proposal: is on the right track but needs more work; suggest name changes 10Y:0:1A BP Matthias Trute
Work on stack handling BP

c) Single-XT

Lively discussion.
E.g., should “LOCATE I” show the location of I or is it allowed to show the location of R@? FIND-NAME FIND-NAME-IN proposal AE
FIND-XT proposal SP

d) Directories

Presentation and discussion with some progress GW
e) multi-tasking

Presentation. Work towards proposal AH

f) sockets

Discussion GW

g) i18n

Presentation, discussion and suggested changes SP
language and country codes BP/PK

h) S" and S* from file

Move interpretation semantics to core/core-ext versions 11Y:0:0
Draft the change: AE

i) remove ambiguous conditions

Make the exception wordset mandatory 12Y:0:0
Draft change AE

Turn ambiguous condition in 3.4 into “possibly do system-specific recognizers; when unsuccessful, perform -13 throw” 12Y:0:0
Rewording AE/UH 11Y:0N:1A

For the ambiguous condition in 3.4.1, perform -18 throw. 12Y:0:0
Rewording LW/UH

3.3.3 stay ambiguous. Mention it explicitly PK 11Y:0:0
Rationale Draft by AE 12Y:0:0

3.3.3.1 stay ambiguous 11Y:0:0
Rationale Draft by AE 12Y:0:0

argument type incompatible with specified input parameter: keep it, remove the example. UH 12Y:0:0

j) compilation (together with c)

Presentation and some discussion
Matters arising

Discussion of proposals:

Implementations requiring BOTH 32 bit single floats and 64 bit double floats. (forth-standard.org zhtoor). response on part of the committee GW

The value of STATE should be restored (forth-standard.org AlexDyachenko). No committee response for now AE

Drop Double Number Input (comp.lang.forth, Matthias Trute). Unlikely to find consensus in the foreseeable future AE

Electronic Meeting Dec 14th 19h CET 18h UTC 10h PST