

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