

## Forth 200x Standards Committee #11

Pratt's Hotel, Bath, UK

2–4 October 2015

### Draft Agenda

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1. Attendance
2. Minutes of last meeting
3. Consideration of proposals (CfVs)  
**None**
4. Consideration of draft proposals (RfDs)
  - a) Quotations
  - b) 1 chars = 1
  - c) 2's complement wrap-around integers
  - d) Recognizers
5. Consideration of Wording Changes (RfCs)  
**None**
6. Forth Wiki
7. Progress Reports:
  - a) Library proposal process
  - b) The meaning of compilation and interpretation, and the XT
  - c) Floating point input
  - d) Sockets word set/library
  - e) Multi-tasking/threading
  - f) Internationalisation (i18n)
  - g) Cross Compiler (xc)
  - h) IEEE FP (ieee-fp)
  - i) Directories/filenames
  - j) Memory-Access word set/library
8. Matters arising
9. Date of Next Meeting
10. Any Other Business

**Forth 200x Standards Committee #10**  
**Hotel Amic Horizonte, Palma de Mallorca, Spain**  
**24–26 September 2014**

**Draft Minutes**

## 1 Participants

M. Anton Ertl	Technische Universität Wien, Austria	(Chair)
Ulrich Hoffmann	FH Wedel, Germany	
Simon Kaphahn	Munich, Germany	
Peter Knaggs	Trowbridge, England	
Bernd Paysan	Net2o, Germany	
Stephen Pelc	MPE, England	
Leon Wagner	FORTH, Inc., USA	
Gerald Wodni	Wien, Austria	

- Andrew Haley has missed two full meetings and will be removed from the committee should he miss the next meeting.
- Willi Stricker has missed a meeting and will be removed from the committee should he miss the next two meetings.
- Simon Kaphahn has now become a voting member of the committee
- As Willem Botha had attended the electronic meetings he was allowed to vote by proxy (with Stephen Pelc as his appointed Proxy). (6/0/1)

## 2 Minutes of last meeting

The draft minutes of the last meeting were accepted as a true and accurate representation of the meeting, with two minor correction. (4/0/0)

## 3 Review of Forth2013 basis document

- a) Added “that *ior* as” to last paragraph of 3.1.3.6 Error results.
- b) Corrected hyphenation issues.
- c) Corrected “Howard Oakford” to “Howerd Oakford” (his spelling).
- d) Corrected a few minor typos.

Accepted (7/0/0)

## 4 Review of comments on RC2

Comments from Gerry Jackson, Tim Partridge and several committee members where incorporated into basis 14.1 which was accepted with a few corrections:

- a) The word “behaviour” in item one on page 20 should use the American spelling “behavior”.
- b) Correct all instances of “Extended Characters word set” to be “Extended-Character word set” for consistency.
- c) Replace “temporary buffer” with “transient buffer” in **S** and **S\** and five additional locations.

These comments also gave rise to the wording changes in item 7. Changes included in Forth 2014 bases document under the ed14 label. (7/0/0)

## 5 Consideration of proposals (CfVs)

Proposal	Comments	Vote	Action
x:interpret-escape-s	Accepted subject to correction in item 4(c)	8/0/0	<b>PK</b>

## 6 Discussion of *draft* proposals (RfDs)

Proposal	Comments	Status	Action
throw-iors	Accepted subject to correction in item 3(a)	8/0/0	<b>PK</b>
unblock-file	Unlinking of the Block and File word sets – Accepted	9/0/0	<b>PK</b>
obsolete-compile	Mark [COMPILE] as obsolescent – Accepted	9/0/0	<b>PK</b>
obsolete-locals	Mark LOCALS  as obsolescent – Accepted	9/0/0	<b>PK</b>
obsolete-local	Mark (LOCAL) as obsolescent – Rejected	7/2/0	—
obsolete-word	Mark WORD as obsolescent – Withdrawn	—	—

## 7 Discussion of *fast track* proposals (RfCs)

Proposal	Comments	Vote	Action
x:locals	Accepted	8/0/0	<b>PK</b>
x:section-numbering	Accepted	8/0/0	<b>PK</b>
x:fp-stack	Accepted	8/0/0	<b>PK</b>
x:aligned-values	Accepted	8/0/0	<b>PK</b>

## 8 Progress Reports

- |    |                             |                     |                 |
|----|-----------------------------|---------------------|-----------------|
| a) | Internationalisation (i18n) | No further progress | <b>SP/PK</b>    |
| b) | Cross Compiler              | No further progress | <b>SP/LW/BP</b> |
| c) | IEEE FP (ieee-fp)           | Status unknown      | <b>AH</b>       |
| d) | Found                       | Status unknown      | <b>AH</b>       |
| e) | File Names and Directories  | No further progress | <b>AE</b>       |
| f) | Directories (directories)   | No further progress | <b>AE/SP</b>    |
| g) | Memory-Access (memory)      | No further progress | <b>PK/SP/LW</b> |

## 9 Electronic Vote

The electronic meetings and new voting system was considered a success. The use of Teamspeak was found to be acceptable, but the use of headsets is required.

The meetings are to be considered an adjunct to the previous full meeting. Thus although Willem Botha did not attend the 2013 meeting, he did attend both electronic meetings and is therefore considered to have attended the meeting. The minutes were updated to reflect this. (8/0/0)

The date/time of the meetings is arrange over the committee email list.

## 10 Review of Forth2014 basis document

Comments incorporated into items 6 and 7. Accepted

(9/0/0)

The Forth 2014 basis document was converted into release candidate 3 (the change mark up is removed) and published for comment on the September 28, 2014.

## 11 Accepting release candidate 3 as final revision

After a short public review period of the committee meet (electronically) on 2 November 2014 to review the comments received on RC3. As no comments had been received the committee voted to accept RC3 as the final version of the 2012 standard document. (9/0/0)

The Forth 2012 standard document was published on the 10 November 2014.

## 12 Future directions

A number of topics for further discussion where identified:

- a) The use of libraries to provide a reference implementation to be considered sufficient for a proposal. **Action: SP**
- b) Review proposal process to allow for code libraries **Action: SP/PK**
- c) The meaning of compilation and interpretation, and thus the XT **Action: BP/SP/AE**
- d) The input format of floating point numbers **Action: SP**
- e) A socket word set / library **Action: GW**
- f) Quotations **Action: BP**
- g) Adopt 2's complement as standard **Action: AE**
- h) Ensure 1 character is 1 address unit **Action: AE**
- i) Introduce use of recognisers **Action: BP/Matthias Trute**
- j) Review multi-tasking/threading and message passing and timing considerations **Action: LW/SP**
- k) Internationalisation (I18N) **Action: WB/Nick Nelson ??**
- l) Cross Compiler **Action: SP/LW**
- m) IEEE floating point library **Action: AH**
- n) Directories/filenames **Action: ??**
- o) Memory-Access word set **Action: LW/PK/BP**

Some of these are already covered in item 8 but should be given new emphases.

## 13 Matters Arising

Additional items covered under 6, 7, 10 and 11.

## 14 Any Other Business

### **Forth Wiki**

The new Forth Wiki to be ready for demonstration by April 4, 2015. The format and function of which is to left to the implementers, although it should replace the existing proposal discussion on the email list and comp.lang.forth. **Action: GW/PK**

### **Proposal Deadline**

A deadline of 4 April, 2015 was set for agenda topics for the next meeting. **Action: All**

## 15 Date of Next Meeting

The meeting was closed before this could be discussed. The next full meeting will be held immediately before the 31<sup>st</sup> EuroForth conference, starting 30<sup>th</sup> September, 2015 at the Pratt's Hotel in Bath, UK.