

**Forth 200x Standards Committee #9**  
**Haus Rissen, Hamburg, Germany**  
**25–27 September 2013, 4 November 2013**

**Minutes**

## 1 Participants

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

- Andrew Haley has missed a meeting and will be removed from the committee should he miss the next meeting.
- Bill Stoddart has missed two consecutive meeting and will be removed from the committee.
- Simon Kaphahn was permitted voting rights at the discretion the committee (7/0/0)

## 2 Minutes of last meeting

The draft minutes of the last meeting were accepted as a true and accurate representation of the meeting, with one minor correction. (8/0/0)

## 3 Review of Forth2012 basis document

- Update Bernd Paysan affiliation to Net2o.
- Revised definition of annex H (index). (8/0/0)
- Remove reference to `x:number-prefix` from 3.4.1.3 Text interpreter input number conversion. (7/0/1)
- Remove alignment requirement from children on `CFIELD:`, `FIELD:`, `DFFIELD:`, `FFIELD:`, `SFFIELD:` (9/0/0)
- Removed “precisely” from `F>D` and `F>S`. Revised note to `F>D` and added note to `F>S` (8/0/0)
- Minor revisions to `SUBSTITUTE`. (8/0/0)
- Added “of proposed changes to the standard” to the first line of A.1.2 Scope. (8/0/0)
- Minor corrections to A.3.3.3.1 Address alignment, A.3.3.3.2 Contiguous regions, A.6.1.0696 `ACCEPT`, A.6.1.1760 `LEAVE`, A.6.2.0620 `?DO`, A.6.2.2008 `PARSE`, A.6.2.2295 `TO`, A.7.3.2 Block buffer regions, A.12.6.2.1516 `FEXPM1`, A.13.6.3.2550 `{:`, A.17.6.3.2255 `SUBSTITUTE`. (8/0/0)
- Minor corrections to C.6 ANS Forth (1994), C.8 Approach to this standard (9/0/0)
- Minor corrections to D.1 Introduction, D.2.2 Definitions, D.3.1 Big endian vs. little endian (9/0/0)

**Action: PK**

## 4 Consideration of proposals (CfVs)

Proposal	Comments	Vote	Action
x:traverse-wordlist	Accepted with revisions	9/0/0	PK

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

Proposal	Comments	Status	Action
throw-iors	Accepted after revisions	8/0/0	PK
xkey-emit	Accepted	9/0/0	PK

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

Proposal	Comments	Vote	Action
x:obsolete	Accepted with some modifications	9/0/0	PK
x:fp-stack	Accepted with some modifications	8/1/0	PK
x:environment	Accepted with some modifications	9/0/0	PK
x:to	Accepted after significant rewrite	8/0/0	PK
x:throw-iors	Rejected due to draft RfC	0/9/0	PK
x:ekey	Rejected due to draft RfC (see matters arising)	0/9/0	PK
x:local	Accepted with some modifications	8/0/0	PK
x:FASINH	Accepted with some modifications	8/0/0	PK
x:FATAN2	Accepted with some modifications	8/0/0	PK
x:prefix	Accepted with some modifications	8/0/0	PK
x:block	Rejected – change was to rationale	0/8/0	PK
x:source-id	Accepted with significant rewriting	8/0/0	PK
x:foreword	Revision of existing forewords	...	PK

## 7 Consideration of Snapshot

The revised document was accepted as Release Candidate 2, and should be released for a three month public review period. Targeting the Forth-Day meeting on November 16, 2013. (...)

**Action: PK**

## 8 Progress Reports

a) xchar and EMIT	Considered under item 6	PK
b) Internationalisation (i18n)	Ongoing	SP/PK
c) Cross Compiler	Ongoing	SP/LW/BP
d) IEEE FP (ieee-fp)	Ongoing	AH
e) Found	Ongoing	AH
f) File Names and Directories	Ongoing	AE
g) Directories (directories)	Ongoing	AE/SP
h) Memory-Access (memory)	Ongoing	PK/SP/LW

## 9 Electronic Vote

A discussion of a committee website to coordinate electronic meetings was discussed. Dates were set for two meetings (see Date of Next Meeting).

## 10 Matters Arising

- a) Replacement of “Standard” with “standard” where appropriate. **Action: PK**
- b) Replacement of “Committee” with “committee” where appropriate. **Action: PK**
- c) Proposed text for A.6.2.0945 COMPILER, was significantly revised, and accepted. (8/0/0)  
**Action: PK**
- d) The second paragraph of A.7 The optional Block word set, discussing the requirement for this word set when mass-storage facilities are provided was removed. (9/0/0) **Action: PK**
- e) A.10.6.2.1306.40 KEY>FKEY significantly revised. (9/0/0) **Action: PK**

## 11 Any Other Business

### Membership

A discussion of the committee membership resulted in a request to include old members on the membership page along with a list of thanks to people contributing proposals. (9/0/0)  
**Action: PK**

### Progress

The lack of progress in the progress reports was a concern. A request was made for the Chair to be a more active project manager. **Action: AE**

### Forth Wiki

The progress of the Forth Wiki and policy for the operation of the wiki were discussed. The wiki will include reference implementation and testing sections which will be removed from the snapshot document. It will have 4 levels of access: public, comment, proposer, committee. It should also support the development of proposals and requests for interpretation. **Action: GW/PK**

## 12 Date of Next Meeting

### 4/Nov/13 (1600 GMT)

The next meeting will be held electronically on Monday, 4 November 2013 (1600 GMT) to review the changes to basis 2012.2. If accepted this will produce RC2. This will then go out for a three month public review.

### 3/Mar/14 (1600 GMT)

An electronic meeting will be held on Monday, 3 March 2014 (1600 GMT) to review public comment of RC2 and ratify it as the Forth-2012 Standard. The result of which will be reviewed at the next full meeting.

### 26/Sep/14

The next public meeting will be held immediately before the next euroForth conference.