Forth 200x Standards Committee #3

Schloss Dagstuhl, Germany.

13–14 September 2007

Draft Minutes

1. **Participants**

Sergey Baranov	Motorola Software Group, Russia	(Observer)
Willem Botha	CCS, South Africa	
Federico de Ceballos	University of Cantabria, Spain	
M. Anton Ertl	Technische Universität Wien, Austria	(Chair)
Ulrich Hoffmann	Germany	(Observer)
Dr. Peter Knaggs	University of Bournemouth, England	
Dagobert Michelsen	Baltic Online Computer GmbH, Germany	(Observer)
Bernd Paysan	Germany	(Observer)
Stephen Pelc	MPE, England	
Dr. Bill Stoddart	University of Teesside, England	
Carsten Strotmann	Germany	

2. **Consideration of proposals**

Proposal	Comments	Vote	Action
ekeys	`EKEY>FKEY`, `K-F1` and friends.	9/0/1	PK
fp-stack	Referred for clarification of document changes, revised proposal to be re-submitted.		AE
number-prefix	`%` (binary), `#` (decimal) and `$` (hex), Accepted	7/0/0	PK
structure	Simple data structures, test cases required	7/0/0	PK/SP
throw-iors	Referred for further clarification	7/0/0	SP/PK

3. **Discussion of *draft* proposals**

Proposal	Comments	Status	Action
2value	Redraft with new `TO`.	Referred	AE
directories	Redraft with simple text replacement		AE
escaped-strings	Clarify case sensitivity	Ongoing	SP/PK
f-value	Redraft with new `TO`.	Referred	AE
synonym	Progress on to CfV	Ongoing	SP/PK
extended-locals	Remove local buffers	Referred	SP
xchars	Revise in light of i18n proposal	Ongoing	BP/AE

   Fast track *draft* proposals:

Proposal	Comments	Status	Action
foreword	Extend book references	Accepted	PK
to	Use Elizabeth Rather's ambiguous condition.	Accepted	AE/PK
	Remove note on state smart targets	8/0/0	
	Add RFI0007 to somewhere		

4. **Progress Reports**

   a) Publication of Minutes
      AE has written a one page overview for Forth-Gesellschaft, this should be published on the web site.   **Action: AE**

      PK has been asked to be a guest editor for the Forth notes in the ACM SigPlan notes.
      Action: PK

b) Review of RfD/CfV process
   See X:foreword fast track RfD.

c) Development Reports

    i) number prefixes
      See x:number-prefix CfV.

   ii) 0 for NIL Rewording of sections 3.3.3.1 and 3.3.3.2.   **Action: FC/AE**

  iii) 16-/32-bit signed/unsigned ! and @ for integers, bytes, octets.
      Send to RfD.   **Action: FC**

   iv) directory: directory accessing in general
      Redraft with simple text replacement mechanism.   **Action: AE**

   v) required: directory handling for included and required.
      See directory.   **Action: AE**

5. **Review of Forth2007.1 basis document**

   i) Correct X:defined
      Done.

  ii) Remove inlineing of non-glossary rationale text
      Only the word set rationale has been moved. Word rationale has been retained (inline).

 iii) Replace "Validation" with "Testing" (test)
      Done.

  iv) Separate normative and informative sections
      Using wire binding has removed the need for separate documents.

   v) Introduction of "Implementation" sections to rationale. Done.

  vi) foreword: Replace "Members of X3" with "200x Membership"
      Done.

 vii) Addition of Change Log appendix
      See Appendix H of basis 07.1

viii) Publication of basis document on web site
      `http://www.forth200x.org/basis/forth07-1.pdf`

  ix) Publication of basis source code on web site
      `http://www.forth200x.org/basis`

6. **Matters Arising**

   i) Proposals Process   **Action: PK**

    (a) Modify the first paragraph of section (b) to include the following line:
          Be warned, this will generate a lot of heated discussion.

    (b) Add the following to section (f):
          If you can not attend a meeting, you should ask somebody who is attending
          to champion the proposal on your behalf.

  ii) Membership   **Action: PK**

   Add a paragraph relating to how a person becomes a member of the committee. This
   paragraph is to go through the fast track RfD procedure.

 iii) Obsolescent features   **Action: PK**

   Introduce a new "Obsolete Word set". Removing the words currently listed in section
   1.4.2.

iv) Inline text

The inline rationale should be rendered in a different font, such as sans-serif. **Action: PK**

The idea of separating the testing and/or reference implementations into separate appendices was discussed with no conclusive outcome.

v) RFI0007 **Action: AE/PK**

Integrate RFI0007 (`IMMEDIATE` vs "compilation semantics") into the document.

vi) Review all RFI documents for integration into the document:

RFI 0001: meaning of "*flag*" returned by `READ-LINE` at end of file.

RFI 0002: duplicate wordlist in the search order.

RFI 0003: What's allowed between `CREATE` and `DOES>`.

RFI 0004: Standard punctuation for double-cell numbers.

RFI 0005: Initiation semantics.

RFI 0006: Writing to Input Buffers.

RFI 0007: Distinction between `IMMEDIATE` and "special compilation semantics"

7. **Date of Next Meeting**

Introduction of a "review" meeting for detailed discussion of RfDs was discussed. Investigate the possibility of attaching this meeting to the Forth-Tagung in late April (24/5). **Action: UH**

The next voting meeting will be held directly before the next euroForth conference to be held in Vienna in late September (Sep 25/6). **Action: AE**