1 Participants

<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>PB</td>
<td>Paul Bennett</td>
<td>England</td>
</tr>
<tr>
<td>WB</td>
<td>Willem Botha</td>
<td>South Africa</td>
</tr>
<tr>
<td>JD</td>
<td>Jermain Davies</td>
<td>South Africa</td>
</tr>
<tr>
<td>AH</td>
<td>Andrew Haley</td>
<td>England</td>
</tr>
<tr>
<td>UH</td>
<td>Ulrich Hoffmann</td>
<td>Germany</td>
</tr>
<tr>
<td>PK</td>
<td>Peter Knaggs</td>
<td>England</td>
</tr>
<tr>
<td>BP</td>
<td>Bernd Paysan</td>
<td>Germany</td>
</tr>
<tr>
<td>SP</td>
<td>Stephen Pelc</td>
<td>England</td>
</tr>
<tr>
<td>LW</td>
<td>Leon Wagner</td>
<td>USA</td>
</tr>
<tr>
<td>GW</td>
<td>Gerald Wodni</td>
<td>Austria</td>
</tr>
</tbody>
</table>

- Sergey Baranov and Anton Ertl will be deemed to have resigned from the committee should they fail to attend the next meeting.
- Jermain Davies has become a full member of the committee.
- Paul Bennett became a full members of the committee at the last meeting, but was not minuted.

2 Review of procedures

1. Committee membership rules to be reviewed to allow for Proxy attendance. (8/0/0)  
   Action: PK/LW

2. Minutes of all meetings should be made available on www.forth-standard.org. (8/0/0)  
   Action: PK/GW

3. Call for Votes to be conducted on www.forth-standard.org. (8/0/0)  
   Action: PK/GW

4. Allow for proposals that are not related to existing item. (8/0/0)  
   Action: GW

   Action: AE/GW

6. Add approved flag to libraries on theForth.net to be set by vote of the committee. (8/0/0)  
   Action: GW

7. Add “Experimental Proposal” section to www.forth-standard.org where the committee can mark proposal for further experimentation and feedback. (8/0/0)  
   Action: GW
3 Reports

3.1 Chair

No report given.

3.2 Editor

1. Results of the last meeting have been published on www.forth200x.org.
   Changes accepted with spelling changes (8/0/0)

2. The Quotations proposal did not actually propose any changes to the document. The editor has attempted to integrate the proposal into the document, but is unhappy with the result and would like feedback on this change.

   The meeting suggested moving Quotations to their own chapter, redefining ; ;CODE and DOES> in that chapter. Changes left to the editor (8/0/0)  
   
   Action: AE/PK

3. GitHub project exists, but has not been populated. Assistance requested in moving CVS archive on www.forth200x.org to github.com/PeterKnaggs/forth-standard would be appreciated.

   Action: BP/GW/AE

3.3 Technical

1. www.forth-standard.org is up and running with the Forth 2012 document, should it be displaying more recent rolling versions?

2. Proposals are not being submitted though the sight as per revised procedures (2017).
   See 7.3 Proposal workshop.

3. Assistance is sought to improve the proposal section of the site.
   
   Action: GW

4. Integrate the exiting Forth200x Committee web site (forth200x.wodni.at) into www.forth-standard.org
   
   Action: GW

5. We should consider using video conferencing for electronic meetings.

3.4 Treasurer

Current balance: 0, no income, no outgoings, no bank account. Creating a bank account in Germany would require translating the founding documents into German. This should be done once the need for a bank account is established.

4 Review of proposals and activities

<table>
<thead>
<tr>
<th>Proposal</th>
<th>Comments</th>
<th>Vote</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-DROP</td>
<td>Allowing CS-DROP to drop an orig was discussed, this would require allowing CS-PICK to pick an orig. Referred to author for further consideration</td>
<td>9/0/0</td>
<td>UH</td>
</tr>
<tr>
<td>Recognisers</td>
<td>Accepted as an experimental proposal. The Lexeme Readers discussion shows the need for further discussion.</td>
<td>8/0/0</td>
<td>GW</td>
</tr>
</tbody>
</table>
Internationalisation  Accepted as an experimental proposal. 9/0/0  GW

S(  Discussion moved to 7.4  UH/SP

Synonym  It was felt that rewording of the definition of SYNONYM would overcome the issue identified in a more succinct manner. Referred to author of original Synonym proposal to review.  SP/BP

Clarify Find  It was felt that the revised text was just as confusing as the text it was replacing and that changing FIND will cause just as much confusion. FIND should be deprecated after FIND-NAME has been standardised. Referred back to author.  BP

FIND-NAME  Accepted 9/0/1  PK/AE

Exception Locals  AE’s response was endorsed, and should be marked as being supported by the committee. 10/0/0  GW

BL Rationale  Referred to author to take through the proposal process 10/0/0  AE/BP

32-/64-bit floats  The standard does not specify the use of single or double precision floats. Referred back to author. 10/0/0  AH

Directories  Discussion moved to 7.1 and referred back to author.  GW

Multi-Tasking  Discussion moved to 6.2 and referred back to author.  AH

Experimental Proposals  Discussion moved to 7.3 and referred back to author.  PK

Forth200x.org  See 3.3.  GW

Test suite  A version has already been integrated into the document. Adopting updates will require additional changes on an ongoing bases. If was felt that endorsing the library would be a better approach. 8/0/0  GW

External function integration  Discussion moved to 7.2  SP

5 Consideration of proposals (CfVs)

See the review of proposals and activities (section 4).
6 Workshops

6.1 Recognisers

Version 4 of the recognisers proposal was accepted as an “experimental proposal”. See 4 proposals.

6.2 Multitasking

Attending: AH/PB/JD/WB/LW/SP/GW/PK

The Multi-Tasking proposal was presented and discussed, with feedback on testing the proposed word set sought by the author before bringing the proposal to the committee.  

Action: AH

6.3 NDCS Compilation

Attending: AH/PB/JD/WB/LW/GW/SP/PK/UH/BP

After some discussion, it was suggested the name NDCS (None Default Compilation Semantics) be changed to Dual (Dual Behaviour). The author was encouraged to bring this forward as an experimental proposal.  

Action: SP

6.4 Ambiguous Conditions

Attending: AH/PB/JD/WB/LW/GW/PK/UH/BP

The first 16 ambiguous conditions in section 4.1.2 where discussed.

- a name is neither a valid definition name nor a valid number during text interpretation;
  
  Section 9.3.4 indicates the system should throw a -13 (undefined word) exception, thus this is no longer an ambiguous condition.

- a definition name exceeded the maximum length allowed;
  
  Add the following to the end of the first paragraph of 3.3.1.2 (Definition names):
  
  Defining a name longer than the implementation defined limit will throw a -19 (definition name too long) exception.

  Thus removing this ambiguous condition.

- argument type incompatible with specified input parameter, e.g., passing a flag to a word expecting an n (3.1 Data types);
  
  The example is confusing and should be removed.

- insufficient space in the dictionary;
  
  Section 9.3.4 indicate the system should throw a -8 (dictionary overflow) exception, thus this is no longer an ambiguous condition.

These changes were accepted and will be integrated into the next revision of the document.  

Action: PK
7 Matters Arising

7.1 Directories

Attending: AH/JD/WB/LW/GW/SP/PK/UH/BP

The directories proposal was presented and discussed, with feedback sought by the author before bringing the proposal to the committee.  

Action: GW

7.2 External function integration

Attending: LW/AH/SP/GW/BP

The idea of using the SwiftForth notation (as adapted by MPE and others) for integrating C functions into Forth was discussed. It was suggested that with minor changes this may be acceptable as a standard notation.  

Action: SP/BP

7.3 Experimental proposals

Attending: AH/LW/GW/PK

The “Proposal Process” in the front-matter of the document was rewritten to describe the new www.forth-standard.org based process of publishing proposals. A proposal has been raised to replace the existing text\(^1\).  

Action: GW/PK

7.4 Reservation of names

Whether or not to provide a method of reserving names within the document. This workshop was not held due to lack of time.

8 Any Other Business

None.

9 Date of Next Meeting

A video conference to be held some time early in the next year, exact date to be determined by the Technical officer and the Chair. A meeting time of 15:00 UTC is preferred. The format of the meeting to be two 1 hour sessions with a 15 minute break between the sessions. The agenda to be circulated by the Chair at least three months (according to the constitution) in advance of the meeting.

The next standards meeting will be held immediately before the next euroForth conference being held in Germany.

\(^1\)http://forth-standard.org/standard/process#contribution-71