



The Standards People

ETSI MTS Open Session on TTCN-3 new major release

Presented by: **TTF T040**

For: **TTCN-3 experts**

09.09.2024

Agenda

1. Welcome and introduction to the questionnaire
2. Summary about the questionnaire results
3. Feedback from the participants
 - Simplifications
 - Combinations (move from extensions to core?)
 - Send to status „historical“ parts or „deprecated“ features
4. Discussion on specific constructs (e.g. synchron. communication)
5. Next steps

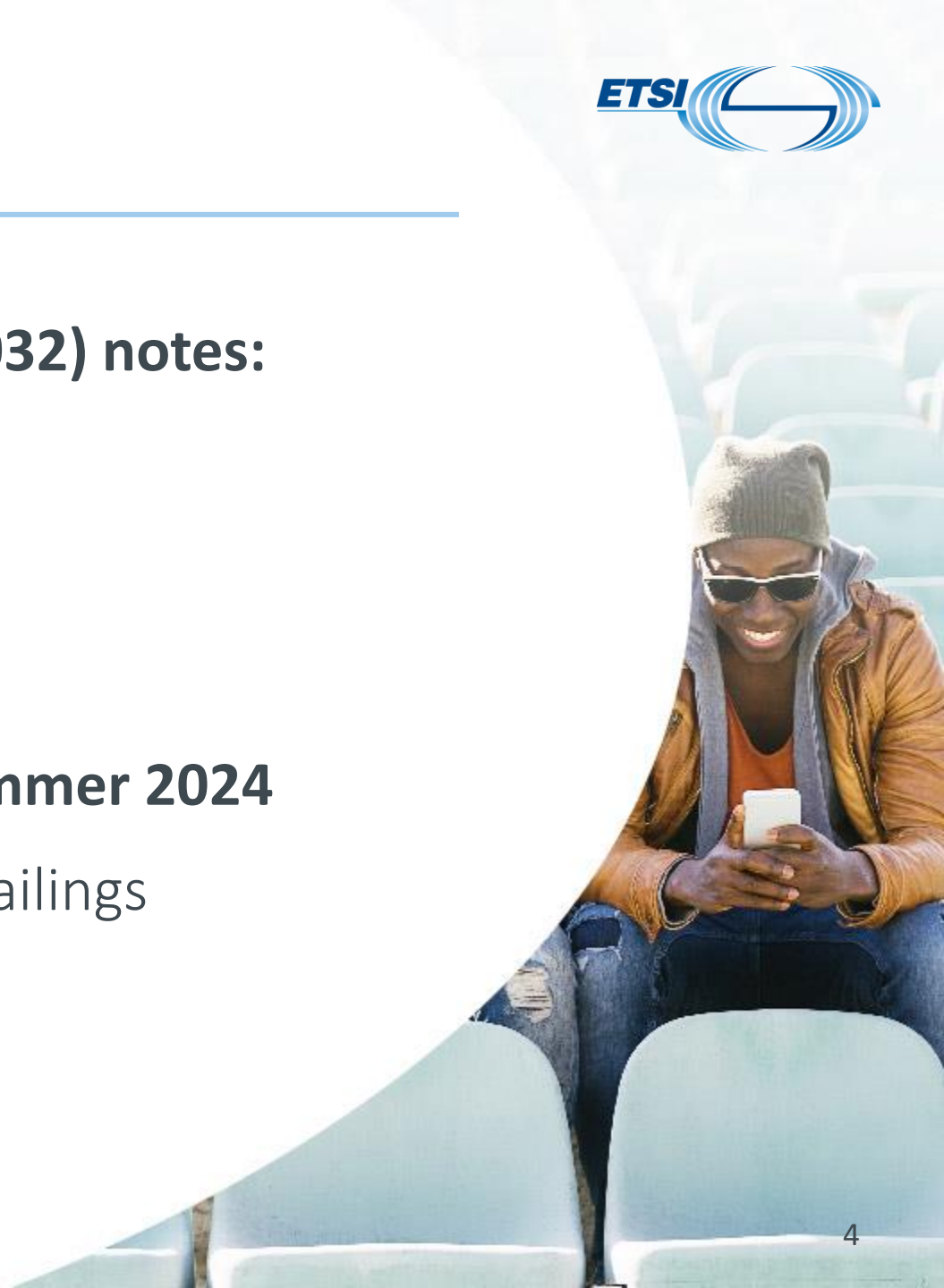




Motivation and Introduction

Motivation and history

- **TTCN-3 workshop 23. January 2024 (TTF T032) notes:**
 - Detailed view on documents and features
 - Maintain compatibility as far as possible
 - Guidelines are important (e.g. using t3q)
- **Questionnaire started with TTF T040 in summer 2024**
 - Promotion via ETSI, Eclipse, LinkedIn & mailings
 - Feedback until today: seven responses
- **Basis for the TTF T040 work and beyond**



The questionnaire: Excel sheets (with instructions)

- For each part and extension
- Answers for complete document and/or (sub)-sections

please select
no
yes,
complete
yes, partially
do not know

Section	Feature Description	implemented	used	support planned in future	request for changes	comments/remarks (free text)
Document:		TTCN-3: Core Language (ES 201 873-1)				
The following question refers to the entire document, please fill it out						
		<i>implemented</i>	<i>used</i>	<i>support planned in future</i>	<i>request for changes</i>	<i>comments/remarks (free text)</i>
Complete Document		<i>please select</i>	<i>please select</i>	<i>please select</i>	<i>please select</i>	
The following parts of the questionnaire are optional. Please only complete if you (a) have either partially implemented or used the standard, (b) plan to partially implement or use the standard in the future, or (c) would like to comment on language constructs or have ideas for feature improvements.						
Section	Feature Description	implemented	used	support planned in future	request for changes	comments/remarks (free text)
	3.1 fuzzy value or template	<i>please select</i>	<i>please select</i>	<i>please select</i>	<i>please select</i>	
	3.1 lazy value or template and evaluation	<i>please select</i>	<i>please select</i>	<i>please select</i>	<i>please select</i>	
6	Types and values	<i>please select</i>	<i>please select</i>	<i>please select</i>	<i>please select</i>	
<i>Please continue with this part only if you have either partially implemented the constructs associated with this section or want to comment on language constructs.</i>						
6.1	Basic types and values	<i>please select</i>	<i>please select</i>	<i>please select</i>	<i>please select</i>	
<i>Please continue with this part only if you have either partially implemented the constructs associated with this section or want to comment on language constructs.</i>						
6.1.0	Simple Basic Types and values	<i>please select</i>	<i>please select</i>	<i>please select</i>	<i>please select</i>	
6.1.1	Basic string types and values	<i>please select</i>	<i>please select</i>	<i>please select</i>	<i>please select</i>	
6.1.2	Subtyping of basic types	<i>please select</i>	<i>please select</i>	<i>please select</i>	<i>please select</i>	
6.2	Structured types and values	<i>please select</i>	<i>please select</i>	<i>please select</i>	<i>please select</i>	
<i>Please continue with this part only if you have either partially implemented the constructs associated with this section or want to comment on language constructs.</i>						
6.2.1	Record type and values	<i>please select</i>	<i>please select</i>	<i>please select</i>	<i>please select</i>	
6.2.2	Set type and values	<i>please select</i>	<i>please select</i>	<i>please select</i>	<i>please select</i>	
6.2.3	Records and sets of single types	<i>please select</i>	<i>please select</i>	<i>please select</i>	<i>please select</i>	
6.2.4	Enumerated type and values	<i>please select</i>	<i>please select</i>	<i>please select</i>	<i>please select</i>	

Results from Questionnaire

Detailed results

- Four tool vendors & service providers (from industry)
- Three user groups (from ETSI TTFs)
- Still Open for further responses / inputs from more vendors /user groups!

Looking into the results / excel summary

- General comments
- Detailed comments
- Future plans?
- Request for changes?
- Further remarks?





Discussion

Feedback from participants

- Simplifications?
- Combinations (move from extensions to core?)
- Send to status „historical“ parts or „deprecated“ features
- **Proposals, requirements etc. for migration guide?**
- Specific features
 - Procedure-based communication?




Next steps

Next steps

1. **Analysis** of detailed results from Questionnaire & Open session
2. **Follow-up** ETSI MTS Open Session on TTCN-3 (12/2024 ?)
3. TTF **draft proposal** for new structure and contents
4. Drafting **Migration guide**

Time schedule

- TTF T040 sessions in 2024
- MTS#94 in January 25 (with another Open Session, @ETSI?)
- Delayed start of 2nd TTF in 01/2026

A circular inset image showing a close-up of blue network cables plugged into a server rack. The cables are bundled and connected to multiple ports on the rack. The background is a blurred server room.

Thanks for
your
participation!