

Source: TSG-SA WG4

Title: CR 26.104 030 rev 1 Correction on the default behaviour of the unix makefile (Release 6)

Document for: Approval

Agenda Item: 7.4.3

The following CR, agreed at the TSG-SA WG4 meeting #29, is presented to TSG SA #22 for approval.

Spec	CR	Rev	Phase	Subject	Cat	Vers	WG	Meeting	S4 doc
26.104	030	1	Rel-6	Correction on the default behaviour of the unix makefile	D	5.2.0	S4	TSG-SA WG4#29	S4-030851

CHANGE REQUEST

⌘ **26.104 CR 30** ⌘ rev **1** ⌘ Current version: **5.2.0** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	⌘ Correction on the default behaviour of the unix makefile.		
Source:	⌘ TSG SA WG4		
Work item code:	⌘ AMR	Date:	⌘ 16/12/03
Category:	⌘ D	Release:	⌘ Rel-6
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	F (correction)		2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	⌘ By default, on unix platforms, the ETSI format is generated, not the MMS-like format as indicated by the readme file. The default behaviour of the unix makefile is different from the VC++ makefile.
Summary of change:	⌘ The -DETSI flag is removed from the compiler option and the default behaviour of the unix Makefile is aligned with the readme file and the VC++ makefile.
Consequences if not approved:	⌘ The default behaviour of the unix makefile is not as indicated from the readme file and developers get confused.

Clauses affected:	⌘										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">⌘</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">⌘</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">⌘</td> <td style="text-align: center;">X</td> </tr> </table>	Y	N	⌘	X	⌘	X	⌘	X	Other core specifications	⌘
Y	N										
⌘	X										
⌘	X										
⌘	X										
		Test specifications									
		O&M Specifications									
Other comments:	⌘										

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.htm>. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

1. How the code is changed

1.1 File makefile.gcc

1.1.1 Before the change (lines 53--58)

```
#
# compiler flags (for normal, DEBUG compilation)
#
CFLAGS_NORM = -O4 -DETSI
CFLAGS_DEBUG = -g -DDEBUG -DETSI
```

1.1.2 After the change (lines 13--17)

```
#
# compiler flags (for normal, DEBUG compilation)
#
CFLAGS_NORM = -O4 DETSI
CFLAGS_DEBUG = -g -DDEBUG DETSI
```

1.1.3 Patch file

```
--- makefile.gcc.orig 2003-11-14 15:28:20.000000000 +0100
+++ makefile.gcc 2003-11-14 15:31:19.000000000 +0100
@@ -52,9 +52,9 @@

#
# compiler flags (for normal, DEBUG compilation)
-#
-CFLAGS_NORM = -O4 -DETSI
-CFLAGS_DEBUG = -g -DDEBUG -DETSI
+# (add -DETSI for the regular ETSI format)
+CFLAGS_NORM = -O4
+CFLAGS_DEBUG = -g -DDEBUG

CFLAGS = -Wall -I. $(CFLAGS_$(MODE)) -D$(VAD)
CFLAGSDEPEND = -MM $(CFLAGS) # for make depend
```