3GPP TSG CN Plenary Meeting #20 NP-030294
04-06 June 2003. Hämeenlinna, FINLAND

Source: **CN5 (OSA)**

Title: **Rel-5 CR 29.198-05 OSA API Part 5: Generic user interaction**

Agenda item: **8.2**

Document for: **APPROVAL**

Doc-1st-Level	Spec	CR	R	Ph	Subject	Cat	Ver-Curr	Doc-2nd-Level	WI
NP-030294	29.198-05	038	-	Rel-5	Specifying the origin of a GUI message	F	5.2.0	N5-030287	OSA2

CR-Form-v7

CHANGE REQUEST

⌘ 29.198-05 CR 038 ⌘rev - ⌘ 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:	⌘	Specifying the origin of a GUI message
Source:	⌘	Scott Broussard (IBM, scottjb@us.ibm.com)
Work item code:	⌘	OSA2 ***Date:*** ⌘ 20/05/2003
Category:	⌘	**F** ***Release:*** ⌘ *REL-5*

Use one of the following categories:
- ***F*** *(correction)*
- ***A*** *(corresponds to a correction in an earlier release)*
- ***B*** *(addition of feature),*
- ***C*** *(functional modification of feature)*
- ***D*** *(editorial modification)*

Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:

2	*(GSM Phase 2)*
R96	*(Release 1996)*
R97	*(Release 1997)*
R98	*(Release 1998)*
R99	*(Release 1999)*
Rel-4	*(Release 4)*
Rel-5	*(Release 5)*
Rel-6	*(Release 6)*

Reason for change:	⌘	When using the IpUI.sendInfoReq() method to send a message to a terminal, the origin of the message does not accurately reflect the origin of the message when message was generated programatically but on behalf of a user. There is no mechanism for the application to specify the origination-terminal that originates the message. The OSA application may send a message to a terminal on-behalf of another user and needs to specify the originating address. It is essential to correct the API to allow the origin to be correctly specified.
Summary of change:	⌘	A new method is necessary in the IpUI interface to specify the origin of a message and continue to provide compatibility for the sendInfoReq() and sendInfoAndCollectReq() methods. The setOriginatingAddress() will allow the application to set the originating address on a UI session. The getOriginatingAddress() will allow the application to get the originating address on a UI session. These new methods are synchronous to allow for easier programming, and because they don't require interaction with the core network. The alternative is to provide additional extended methods for sendInfoReq() and sendInfoAndCollectReq(), however this provides redundant functionality and potentially causes the needless deprication of the current methods.
Consequences if not approved:	⌘	If not approved, the application would not be able to specify the origin of a message.

Clauses affected:	⌘	8.3, 8.3.4, 8.3.5

		Y	N			
Other specs Affected:	⌘		X	Other core specifications	⌘	
			X	Test specifications		
			X	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.

4.3 Interface Class IpUI

Inherits from: IpService.

The User Interaction Service Interface provides functions to send information to, or gather information from the user. An application can use the User Interaction Service Interface independently of other services.

<<Interface>> IpUI
sendInfoReq (userInteractionSessionID : in TpSessionID, info : in TpUIInfo, language : in TpLanguage, variableInfo : in TpUIVariableInfoSet, repeatIndicator : in TpInt32, responseRequested : in TpUIResponseRequest) : TpAssignmentID sendInfoAndCollectReq (userInteractionSessionID : in TpSessionID, info : in TpUIInfo, language : in TpLanguage, variableInfo : in TpUIVariableInfoSet, criteria : in TpUICollectCriteria, responseRequested : in TpUIResponseRequest) : TpAssignmentID release (userInteractionSessionID : in TpSessionID) : void <<new>> setOriginatingAddress (userInteractionSessionID : in TpSessionID, origin : in TpString) <<new>> getOriginatingAddress (userInteractionSessionID : in TpSessionID) : TpString

4.3.4 Method setOriginatingAddress()

This method sets the originating address property on the user interaction session to be used when sending information to the user.

Returns: void

Parameters

userInteractionSessionID : in TpSessionID

Specifies the user interaction session ID of the user interaction.

origin : in TpString

Specifies the originating address. The originating address description is sent as a TpString. However this field may contain E.164 addresses that the receiving terminal can use to reply to the message. The coding of such an E.164 address can either be local numbers or international numbers, according to the standard E.164. Examples for a local number is "0702106181" and for an international number "+46702106181".

Raises

TpCommonExceptions,P_INVALID_SESSION_ID,P_INVALID_NETWORK_STATE,P_INVALID_ADDRESS

4.3.5 Method getOriginatingAddress()

This method gets the originating address property on the user interaction session to be used when sending information to the user. If not set with setOriginatingAddress(), the getOriginatingAddress() returns the description that would be displayed on the terminal device as the originating address when a message is sent with sendInfoReq() or sendInfoAndCollectReq().

Returns: TpString

The address that will be used for a sendInfoReq() or sendInfoAndCollectReq() for the originating address.

Parameters

`userInteractionSessionID : in TpSessionID`

Specifies the user interaction session ID of the user interaction.

Returns

`TpString`

Specifies the originating address.

Raises

`TpCommonExceptions,P_INVALID_SESSION_ID,P_INVALID_NETWORK_STATE`