Action URL and Active URI specification

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1   Revision History

Revision history:

Version	The author	Release Time	Description
V1.0	Tony	2014 - 1 - 22	
V1.1	Yuxiang.Guo	2014 - 3 - 27	Update Active URI instruction list Add the Document Scope

2   Introduction

2.1   Overview

Action URL is phone the current status reported to the remote console port.
Active URI is remote console control phone.
Action URL and Active URI mainly applies to CTI (Computer Telephony Intergration) scenarios. Phone escalate their own status to PC, PC Control phone various actions. A typical application scenarios, such as: call center. The attendant on the PC CTI through application software, operating phone.

2.2   Target Audience

Fanvil phone testers, your phone administrator
Based on Fanvil Phone Development CTI software applications for technicians

2.3   Glossary

CTI   Computer Telephony Integration (Computer Telephony Integration)
                           The hardware and software interface, and control devices to telephone
                           communications and computer information processing integrated together
                           and achieve the voice, fax and data communications control and integrated
                           applications

Events   Phone status changes triggered by a message

3 Action URL

3.1 Introduction

Action URL is the phone itself changes in state, the telephone to the remote console launched HTTP Get requests, the events are sent to remote console, the console can be based on the change of state, to the phone.

3.2 Agreement description

Ative URL the HTTP URL format is the console of the HTTP Server end-to define, the telephone is only responsible for the corresponding state changes initiated HTTP Get requests. Under normal circumstances, Active URL the HTTP URL format is: "http://192.168.1.100 /newcall.xml?num=$call_id"
The 192.1681.,100 " remote console IP address;
The newcall.xml? "   Remote console HTTP Server definition of the status of the processing methods.
The " $call ID the phone internal support of the variables, in initiating HTTP Get before a request, the system will automatically place the variables with the system's current real value. Internal variables to the " $" Beginning.

3.3 Action URL configuration

Log on the phone Web Management page, enter Phone -> Feature -> Action URL Settings, in each of the event corresponds to the input box, enter the appropriate URL. For example: Incoming Call incident, enter http:// 192.168.1.,100 /newcall.xml? Num= $call ID.
When you configure a new incoming call, the incoming call number is 1234, opportunities initiated HTTP Get http:// 192.168.1.,100 /newcall.xml? Num=1234.
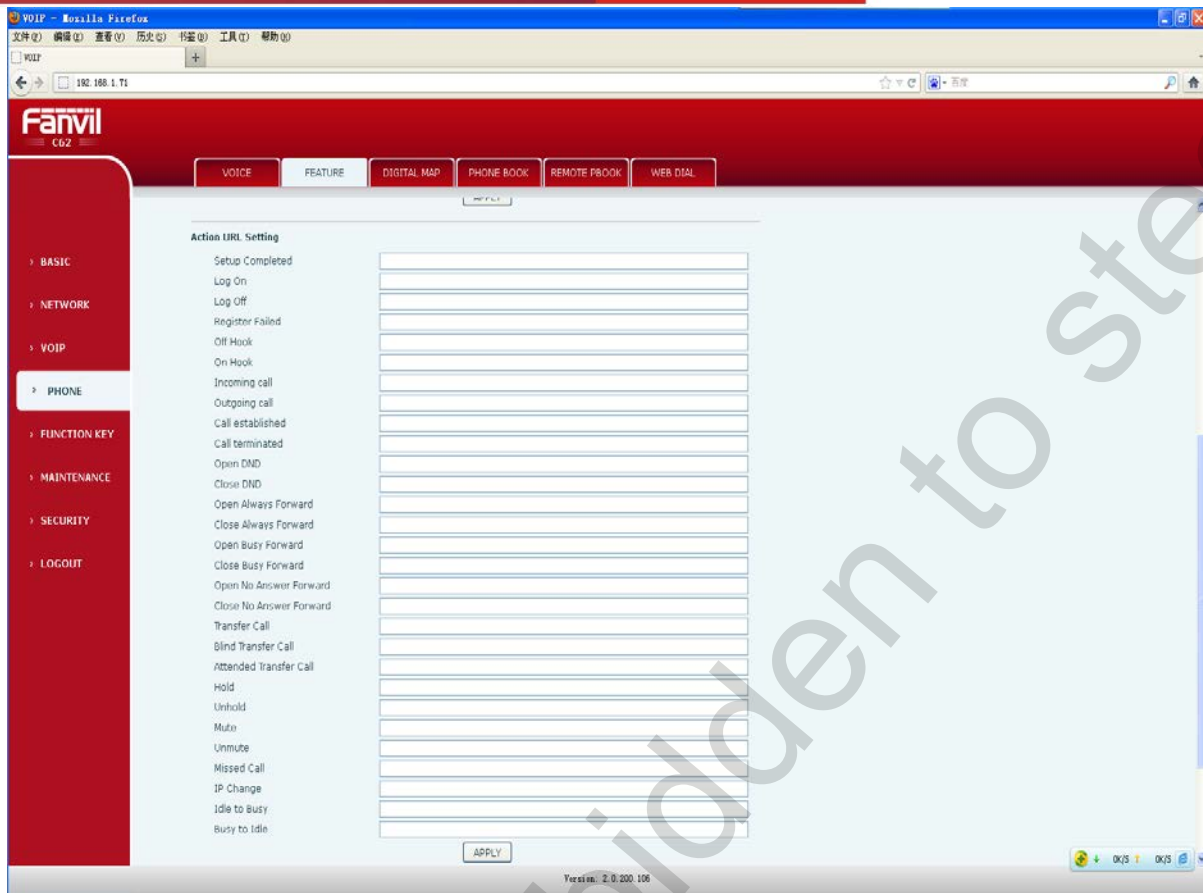
3.3.1   Cases List

Event Name	Description of event
Setup Completed	Phone startup complete
Log On	Account registration is successful
Log Off	Account cancel registration
Register Failed	Account registration failed
Off hook	Off-hook
On hook	Hang up the phone
Call Incoming	There is a new call.
Call Outgoing	Outgoing Calls
established Call	call is established
Call terminated	End of the call.
Open DND	Turn DND
Close DND	DND close
Open Always Forward	Unconditional forward open
Close Always Forward	Unconditional Forward Off
Open Busy Forward	Forward on busy open
Close Busy Forward	Forward on busy off
Open No Answer Forward	No answer forward open
Close No Answer Forward	No answer Forward Off
Call Transfer	Call transfer

Blind call transfer	Call blind transfer
Attended call transfer	Call transfer
Hold	Call Hold
Unhold	Cancel Call Hold
Mute	Mute on
Unmute	Mute Off
Call Missed	There are missed calls

3.3.2 Variable list.

Variable Name	Variable description
$Mac	Device address MAC
$IP	Current available IP address
$model	Phone Model
$firmware	Software Version Number
$active URL.	Current activities of the account SIP URI (only in the inbound, outbound, and call in effect)
$active user.	The active account SIP URI User Account section (only on the incoming, outgoing, Call Force)
$active host.	Current activities of the account SIP URI server (only in the inbound, outbound, and call in effect)
$local	The caller's SIP URI (only in the inbound, outbound, entry into force)
$remote	The caller SIP URI (only when you have incoming calls come into force)
$display local.	The caller's display name (only in the inbound, outbound, entry into force)
$display remote.	The caller display name (only in response to an incoming call entry into force)
$call ID.	Call ID (only incoming calls, outgoing calls, call in effect)

Note:

1） Only when an incoming call, the only when Incoming call option, fill in the variable, the variable will only be replaced with the appropriate information.

2） Only if the call is a force that only when Outgoing call option, fill in the variable, the variable is replaced with the appropriate information.

3） Only when you are in a call, the only established Call Call, terminated, Transfer call, Blind transfer Call, Attended transfer call, Hold, Unhold, Mute, Unmute and call-related option, fill in the variable, the variable is replaced with the appropriate information.

4 Active URI

4.1 Introduction

Active URI is with the remote console launched HTTP Get request, phone built-in HTTP Server to parse command and respond to the request, in order to reach remote control phone.

4.2 Commands List

Command name	Order Description
Key = OK | Key = ENTER | Key = F OK.	Confirmation key, you can answer the call, go off-hook; send numbers; standby to enter the menu, etc.
Key = F _ CANCEL | Key = X	Exit key, you can hang up the phone; rejection; Exit Dial-up, etc.
Key = F _ RELEASE | Key = RELEASE	Return to the standby
Key = SPEAKER | Key = F _ HANDFREE | Key = F HANDSFREE.	Speakerphone key to open and close hands-free
Key = F SEND.	Send key
Key = F ACCEPT.	Answer Key
Key = F REJECT.	Rejection Type
Key = HEADSET | Key = F HEADSET.	Headset key
Key = RD | Key = F REDIAL.	The replay key
Key = F SPEEDDIAL.	Speed-dial buttons
Key = UP DOWN | | | LEFT RIGHT Key = F _ UP F | Health | DOWN F _ LEFT | F RIGHT.	navigation keys, UP and DOWN and LEFT and RIGHT
Key = VOLUME _ UP | Key = F _ VOLUME UP.	Volume up key to increase the volume
Key = VOLUME _ DOWN | Key = F _ VOLUME DOWN.	Volume Down key to decrease the volume
Key = F _ DELETE | Key = DELETE	Delete key
Key = MSG | Key = F MWI.	Access to voice mail
Key = F SMS.	Short message type
Key = F MEMO.	To enter notes
Key = F PBOOK.	To enter the phone this
Key = F SERVICE.	Network Telephone this shortcut keys
Key = F CALLERS.	to enter Call Records
Key = MUTE | Key = F MUTE.	Mute key
Key = F LOCK.	Keyboard Lock
Key = DND	Do Not Disturb to enter Do Not Disturb Settings menu
Key = DNDOn	DND is off, the Do Not Disturb settings

Key = DNDOFF	DND is open, the DND settings
Key = F REC.	Voice message key
Key = F POWER.	The Power light settings
Key = F SDTMF.	DTMF settings
Key = F FLASH.	The two-way conversation between switch and automatically create a call
Key = F PREFIX.	The prefix
Key = F HOTDESKING.	Hot Desk Type
Key = F AGENT.	Enter Agent settings
Key = F DISPOSITION.	Broadsoft CallCenter apply a Tag call log type (during a call or dial-up, press the force)
Key = F ESCALATE.	Broadsoft CallCenter applications for a key to managers to join a 3 party features
Key = F TRACE.	Broadsoft CallCenter applications for the notification server log a call feature (while on a call or dial-up, press the entry into force)
Key = F PRIVATEHOLD.	Broadsoft Shared Call appearance, hold each other but do not share information, as opposed to hold public key (i.e. , hold key).
Key = F HOLD.	Call Hold
Key = F CFWD.	to enter Call Forward settings
Key = F DIVERT.	Call Forward key
Key = F _ TRANSFER	Key = F _ A TRANSFER.	Transfer key, call the transfer operation
Key = F _ B TRANSFER.	Blind Transfer Type
Key = F CONFERENCE.	3 Conference of the Parties to
Key = F JOIN.	Join
Key = F PICKUP.	Where access to
Key = F PARK.	Call Park
Key = F _ LOR	Key = F CALLBACK.	Call Back
Key = F AUTOREDIAL.	Auto-dial (dial-up, press the entry into force)
Key = F UNAUTOREDIAL.	The dial-up (dial-up, press the entry into force)
Key = 0 - 9	Key = F _0-F _ 9/F _ * /F STAR.	Numeric Key
Key = *	Key = F _ *	Key = F STAR.	* Key
Key = #	Key = POUND	Key = F POUND.	#
Key = L 1-L 4	Key = F _ L 1-F _ L 4	Option key, Line 1 ~4
Key = D 1-D	8 Key = F _ D 1-F _ D 4	DSS key DSS Key 1 ~8
Key = F 1-F 4	Key = F _ F 1-F _ F 4	Function key softkey 1 - 4

Key = Reboot | Key = F REBOOT.	Reset key
Key = AutoP	To reset the configuration type, the re-launching autoprovision test (now has not yet achieved)