

Contacts: Con:URL_Skype_Dial_SMS

#Created by: Sounds Essential LLC - www.soundsessential.com

#Purpose: Dials a phone number or sends a SMS using Skype on any OS platform and dials and sends SMS using iPhone built in functionality

#Dependencies: Parameter is passed in button. Skype should be open and SkypeOut credit/subscription is required to complete the call.

#Dependencies: A web viewer object is placed on the layout and hidden. It is named skype_wv. This is used in the script below.

#History:2013-08-21: Script created

#History:2013-09-16: SMS functionality added for Mobile Phone field and calls adjusted to utilize iPhone phone app instead of Skype when on that platform

#

#

Set Error Capture [On]

Allow User Abort [Off]

#

#

Set variables from script parameter and privilege set

Set Variable [\$SP; Value:Get (ScriptParameter)]

Set Variable [\$PrivSet; Value:Get (CurrentPrivilegeSetName)]

#

#

Test for system platform and store in variable. 1 = Mac, -2 = Windows, 3 = iOS

Set Variable [\$Platform; Value:Get (SystemPlatform)]

#

Create a variable for the phone number to be dialled. Script is used for a number of different phone fields.

A script parameter passes which field is clicked and the Case statement populates the variable accordingly.

No matter how this variable is arrived at, the end result should be a phone number, including country code with no spaces or other characters, just numbers.

Set Variable [\$SkypeNumber; Value:Case (

\$SP = "PhoneDirect" ;

CON_Contacts::z_PhoneDirectSkype_c ;

\$SP = "PhoneHome" ;

CON_Contacts::z_PhoneHomeSkype_c ;

\$SP = "PhoneMobile" ;

CON_Contacts::z_PhoneMobileSkype_c ;

\$SP = "PhoneMain" ;

con.ORG_Organizations~Tab::z_PhoneDirectSkype_c ;

""

)]

#

#

Test if phone number is empty and exit script if so.

If [\$SkypeNumber = ""]

Exit Script []

Exit Script []

Else

#

If platform is Windows

If [\$Platform = -2]

If field is PhoneMobile then allow for the option to place a call or send a SMS.

If [\$SP = "PhoneMobile"]

Ask user if they wish to place a call or send a SMS and proceed accordingly. Cancel is also an option to exit the script and do nothing.

Show Custom Dialog [Title: "Call or SMS"; Message: "Do you wish to initiate a phone call or send a SMS to this contact?"; Default Button: "Cancel", Commit: "Yes"; Button 2: "Call", Commit: "No"; Button 3: "SMS", Commit: "No"]

If [Get (LastMessageChoice) = 1]

Exit Script []

Else If [Get (LastMessageChoice) = 2]

Set Web Viewer [Object Name: "skype_wv"; URL: "callto://+" & \$SkypeNumber]

Else If [Get (LastMessageChoice) = 3]

Set Web Viewer [Object Name: "skype_wv"; URL: "skype:+" & \$SkypeNumber & "?sms"]

"Else" condition is set for an abundance of caution, although this should never happen.

Else

Show Custom Dialog [Title: "Unknown Message Choice"; Message: "The database tested for the last message choice and received an unrecognized value. Please contact a system administrator."; Default Button: "OK", Commit: "Yes"]

Exit Script []

End If

If field is not PhoneMobile then just place the call.

Else

Set Web Viewer [Object Name: "skype_wv"; URL: "callto://+" & \$SkypeNumber]

End If

#

If platform is Mac

Else If [\$Platform = 1]

If field is PhoneMobile then allow for the option to place a call or send a SMS.

If [\$SP = "PhoneMobile"]

Ask user if they wish to place a call or send a SMS and proceed accordingly. Cancel is also an option to exit the script and do nothing.

Show Custom Dialog [Title: "Call or SMS"; Message: "Do you wish to initiate a phone call or send a SMS to this contact?"; Default Button: "Cancel", Commit: "Yes"; Button 2: "Call", Commit: "No"; Button 3: "SMS", Commit: "No"]

If [Get (LastMessageChoice) = 1]

Exit Script []

Else If [Get (LastMessageChoice) = 2]

Set Web Viewer [Object Name: "skype_wv"; URL: "skype:+" & \$SkypeNumber]

Else If [Get (LastMessageChoice) = 3]

Set Web Viewer [Object Name: "skype_wv"; URL: "skype:+" & \$SkypeNumber & "?sms"]

"Else" condition is set for an abundance of caution, although this should never happen.

Else

Show Custom Dialog [Title: "Unknown Message Choice"; Message: "The database tested for the last message choice and received an unrecognized value. Please contact a system administrator."; Default Button: "OK", Commit: "Yes"]

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Exit Script [ ]
End If
# If field is not PhoneMobile then just place the call.
Else
Set Web Viewer [ Object Name: "skype_wv"; URL: "skype:+" & $SkypeNumber ]
End If
#
# If platform is iOS
Else If [ $Platform = 3 ]
# If field is PhoneMobile then allow for the option to place a call or send a SMS.
If [ $SP = "PhoneMobile" ]
# Ask user if they wish to place a call or send a SMS and proceed accordingly. Cancel is also an option to exit the script
and do nothing.
Show Custom Dialog [ Title: "Call or SMS"; Message: "Do you wish to initiate a phone call or send a SMS to this
contact?"; Default Button: "Cancel", Commit: "Yes"; Button 2: "Call", Commit: "No"; Button 3: "SMS", Commit: "No" ]
If [ Get ( LastMessageChoice ) = 1 ]
Exit Script [ ]
Else If [ Get ( LastMessageChoice ) = 2 ]
# Test for application version - if iPad then use Skype to place the call. If iPhone then use the phone app to place a
phone call to the number.
If [ PatternCount ( Get ( ApplicationVersion ) ; "iPad" ) ]
Open URL [ "skype:+" &

$SkypeNumber ]
[ No dialog ]
Else
Open URL [ "tel:" &

$SkypeNumber ]
[ No dialog ]
End If
Else If [ Get ( LastMessageChoice ) = 3 ]
# Test for application version - if iPad then use Skype to send the SMS. If iPhone then use the message app to send a
SMS to the number.
If [ PatternCount ( Get ( ApplicationVersion ) ; "iPad" ) ]
Open URL [ "skype:+" &

$SkypeNumber &

"?sms" ]
[ No dialog ]
Else
Open URL [ "sms:+" &

$SkypeNumber ]
[ No dialog ]
End If
# "Else" condition is set for an abundance of caution, although this should never happen.
Else
Show Custom Dialog [ Title: "Unknown Message Choice"; Message: "The database tested for the last message
choice and received an unrecognized value. Please contact a system administrator."; Default Button: "OK",
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Commit: "Yes"]

Exit Script []

End If

If field is not PhoneMobile then just place the call.

Else

Test for application version - if iPad then use Skype to place the call. If iPhone then use the phone app to place a phone call to the number.

If [PatternCount (Get (ApplicationVersion) ; "iPad")]

Open URL ["skype:+" &

\$SkypeNumber]
[No dialog]

Else

Open URL ["tel:" &

\$SkypeNumber]
[No dialog]

End If

End If

#

"Else" condition is set for an abundance of caution, although this should never happen.

Else

Show Custom Dialog [Title: "Unknown Platform"; Message: "The database tested for the system platform and received an unrecognized value. Please contact a system administrator."; Default Button: "OK", Commit: "Yes"]

Exit Script []

End If

#

End If

#

#

Exit Script []

#

#

#

#

As a note, if just using Windows and you do not wish to implement the webviewer, the script line below initiates the call.

// Open URL ["callto://+" &

*\$SkypeNumber]
[No dialog]*