ABTO VoIP SIP SDK for iOS

Short manual

1. How create phone instance and subscribe for events:
    `[AbtoPhoneInterface new]` or `[[AbtoPhoneInterface alloc] init]`

2. How to initialize phone instance:
    `[phone initialize:self]`
    where `self` is object, that implements `AbtoPhoneInterfaceObserver` delegate

3. How to change settings for phone instance:
    Get config interface, modify required fields, and invoke '`finalizeConfiguration`'

    e.g. to specify user, domain and password:
    phone.config.regUser
    phone.config.regDomain
    phone.config.regPassword

4. How to set codecs order:
    [phone.config setCodecPriority:codecIdx priority:value]
    e.g. set unsigned one byte value to prioritize codecs(0 to disable all other values to enable, recommend to start from 128):
    [phone.config setCodecPriority:PhoneAudioVideoCodecG729ab priority:129]
    [phone.config setCodecPriority:PhoneAudioVideoCodecPcmu priority:128]
    [phone.config setCodecPriority:PhoneAudioVideoCodecSpeex priority:0]

5. How to register/unregister:
- first register or reregister after unregister can be triggered by:
    [phone finalizeConfiguration]
- unregister simply by:
    [phone unregister]

6. How handle registration status:
    correct registration is handled in delegate's method
- (void)onRegistered:(NSInteger)accId
    registration issue is handled in delegate's method
- (void)onRegistrationFailed:(NSInteger)accId statusCode:(int)statusCode statusText:(NSString*)statusText
    unregistration is handled in delegate's method
- (void)onUnRegistered:(NSInteger)accId

7. How to make audio call:
    [phone startCall:@"11111" withVideo:NO];

8. How to make video call:
    [phone setRemoteView:viewRemoteVideo];
    [phone setLocalView:viewLocalVideo];
    [phone startCall:@"22222" withVideo:YES];

9. How to receive/reject incoming calls:

- answer call in audio mode with code (use SIP code for accepting call):
    [phone answerCall:callId status:200 withVideo:NO];
- answer call in video mode with code (use SIP code for accepting call):
    [phone setRemoteView:viewRemoteVideo];
    [phone setLocalView:viewLocalVideo];
    [phone answerCall:callId status:200 withVideo:YES];
- decline call with code(use SIP codec for rejecting call)
    [phone hangUpCall:callId status:486];

10. How to play ringtones
- for incoming calls(ring tone):
    phone.config.ringToneUrl – string URI
    phone.config.enableRingTone - bool enable/disable
- for outgoing calls(ring back tone):
    phone.config.ringBackToneUrl – string URI
    phone.config.enableRingBackTone - bool enable/disable

11. How to enable speaker, mute microphone in conversation mode
- to enable/disable speaker:
    [phone setSpeakerphoneOn:callId status:YES];
- to mute/unmute microphone:
    [phone muteMicrophone:callId on:YES];

12. How to send dial tone (DTMF)
    [phone sendTone:callId tone:'8'];