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## Release History

### Table 1  Release History

<table>
<thead>
<tr>
<th>Version</th>
<th>Description of Change</th>
<th>Date Implemented</th>
</tr>
</thead>
<tbody>
<tr>
<td>-01 Rev A</td>
<td>Initial release.</td>
<td>February 2016</td>
</tr>
<tr>
<td>-02 Rev A</td>
<td>Added new section, Signing Out Registered Users.</td>
<td>May 2019</td>
</tr>
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About This Guide

Introduction

This manual provides application programming interface (API) information for writing applications that use Workforce Connect Client.

NOTE: Screens and windows pictured in this guide are samples and can differ from actual screens.
Headless Mode

The Headless mode client runs as background service without main dashboard screen (activity). When user clicks on app's icon on Android desktop, the client launches the Dialer activity (instead of the main screen). The top bar notification launches app's settings screen. All other screens and functions will be the same as in default mode.

Reason

This mode allows to integrate WFC Client with other 3-rd party application. The client will provide voice service feature running in background. Other apps can initiate a call by sending a request to WFConnect client.

Enable

To enable the headless mode:

- open Settings > Advanced Settings > UI Settings page. Check Headless mode item, then exit from the settings, or
- Set the headless_mode parameter true in the WFConnect.xml file during deployment.

Initiating a Call via WFConnect Client

The third party application can initiate a call by simply launching Android dialer or by sending broadcast intent to WFC app:

- Launch Android dialer Click on Dialer icon on Android desktop or send ACTION_DIAL intent from 3-rd party app. It will launch the native dialer and initiate a new call when user dial new number.
- Send a broadcast intent to WFC app:
  
  ```java
  Intent callIntent = new Intent("wfc.voice.ACTION_BUTTON", Uri.parse("tel:"));
  callIntent.putExtra("action", "call");
  callIntent.putExtra("value", "555");
  startActivity(callIntent);
  ```
Reporting Call State

A third party application can register for WFC call states updates. There are three call states:

• IDLE
• RINGING
• ACTIVE.

The broadcast action is `wfc.voicePHONE_STATE`. The extra fields `state` and `value` contain the current call state and extension. Permission: `wfc.permissions.READ_PHONE_STATE`.

WFCDemo Android Project

WFCDemo.zip - a demo project for starting a new call from external application. This an archive file exported from Eclipse project.

Signing Out Registered Users

**NOTE:** Requires WFC Voice Client version 8.2.746 or later.

If WFC Voice is configured using an XML file, the Sign Out intent causes the WFC Voice to re-register.

The Sign Out intent requires using the shared profiles feature to configure the WFC Voice Client.

*Intent name: wfc.voice.SIGN_OUT*

The following example uses the Android Debug Bridge (adb) command-line tool:

```
$ adb shell am broadcast -a "wfc.voice.SIGN_OUT"
```