TSPService-SDK API

Document

Prepared by

Ford Motor Company

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Version 1.0

Contributor

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| **REVISION HISTORY** | | | |
| Version | Date | Name | Comment |
| 1.0 | 8-Sept-2021 | Zhang Jia | Initial version |

1. Introduction

This document describes the interfaces exposed by TSPService-SDK for TSPService connection.

1. Interface Matrix

Below table summarize all APIs provided by TSPService Layer

|  |  |  |
| --- | --- | --- |
| class | interface | description |
| **TncManager** | **boolean** init(Context context) | Initialize the connection to TSPService.  This method returns true when the connection is successful. |
| **void** registerTncListener(TncListener tncListener) | register privacy policy update listener |
| **void** unregisterTncListener() | unregister privacy policy update listener |
| **TncInfo** getTncInfo(String feature) | get privacy terms for specific features. |
| **void** setTncAccepted(String feature, String llId, String openId) | submit user authorization. |
| **boolean isTncAccepted(String feature, String openId)** | get specific user authorization |

The following table summarizes all bean classes provided by TSPService layer.

|  |  |  |
| --- | --- | --- |
| class | params | description |
| **TncInfo** | **String mLlId;** | The feature id identifies the app. |
| **String mFeature;** | The feature name identifies the app. |
| **String mDocType;** | Document type |
| **String mLocalPath;** | Document local storage path |

1. Interface description

com.ford.sync.tspsdk.TncManager.java

// Feature type  
public static final String *DMS* = "DMS"; // 驾驶行为监测隐私条款  
public static final String *FACEID* = "FaceID"; // 人脸识别FaceID隐私条款

public static final String *MULTI\_MODE* = "MultiMode"; // 多模交互隐私条款

* 1. public boolean init(Context context)

Initialize the connection to TSPService.

This method returns true when the connection is successful.

* 1. public void registerTncListener(TncListener tncListener)

register privacy policy update listener

* 1. public void unregisterTncListener()

unregister privacy policy update listener

* 1. public TncInfo getTncInfo(String feature)

get privacy terms for specific features.

param value range ：

// Feature type  
public static final String *DMS* = "DMS"; // 驾驶行为监测隐私条款  
public static final String *FACEID* = "FaceID"; // 人脸识别FaceID隐私条款

public static final String *MULTI\_MODE* = "MultiMode"; // 多模交互隐私条款

* 1. public void setTncAccepted(String feature, String llId, String openId)

submit user authorization.

* 1. public boolean isTncAccepted(String feature, String openId)

get specific user authorization