# 初始化HMI连接

**注册VR通道**

{"jsonrpc":"2.0","id":500,"method":"MB.registerComponent","params":{"componentName":"VR"}} RPCClient.js:278

13:59:34:161 RPCClient.js:281

Message received: {"id":500,"jsonrpc":"2.0","result":2000}

**注册BasicCommunication通道**

{"jsonrpc":"2.0","id":600,"method":"MB.registerComponent","params":{"componentName":"BasicCommunication"}} RPCClient.js:278

13:59:34:170 RPCClient.js:281

Message received: {"id":600,"jsonrpc":"2.0","result":3000}

**注册BasicCommunication消息**

{"jsonrpc":"2.0","id":3001,"method":"MB.subscribeTo","params":{"propertyName":"BasicCommunication.OnPutFile"}} RPCClient.js:278

13:59:34:177 RPCClient.js:281

{"jsonrpc":"2.0","id":3002,"method":"MB.subscribeTo","params":{"propertyName":"SDL.OnStatusUpdate"}} RPCClient.js:278

13:59:34:178 RPCClient.js:281

{"jsonrpc":"2.0","id":3003,"method":"MB.subscribeTo","params":{"propertyName":"SDL.OnAppPermissionChanged"}} RPCClient.js:278

13:59:34:178 RPCClient.js:281

{"jsonrpc":"2.0","id":3004,"method":"MB.subscribeTo","params":{"propertyName":"BasicCommunication.OnSDLPersistenceComplete"}} RPCClient.js:278

13:59:34:179 RPCClient.js:281

{"jsonrpc":"2.0","id":3005,"method":"MB.subscribeTo","params":{"propertyName":"BasicCommunication.OnFileRemoved"}} RPCClient.js:278

13:59:34:182 RPCClient.js:281

{"jsonrpc":"2.0","id":3006,"method":"MB.subscribeTo","params":{"propertyName":"BasicCommunication.OnAppRegistered"}} RPCClient.js:278

13:59:34:183 RPCClient.js:281

{"jsonrpc":"2.0","id":3007,"method":"MB.subscribeTo","params":{"propertyName":"BasicCommunication.OnAppUnregistered"}} RPCClient.js:278

13:59:34:186 RPCClient.js:281

{"jsonrpc":"2.0","id":3008,"method":"MB.subscribeTo","params":{"propertyName":"BasicCommunication.PlayTone"}} RPCClient.js:278

13:59:34:186 RPCClient.js:281

{"jsonrpc":"2.0","id":3009,"method":"MB.subscribeTo","params":{"propertyName":"BasicCommunication.OnSDLClose"}} RPCClient.js:278

13:59:34:190 RPCClient.js:281

{"jsonrpc":"2.0","id":3010,"method":"MB.subscribeTo","params":{"propertyName":"SDL.OnSDLConsentNeeded"}} RPCClient.js:278

13:59:34:190 RPCClient.js:281

{"jsonrpc":"2.0","id":3011,"method":"MB.subscribeTo","params":{"propertyName":"BasicCommunication.OnResumeAudioSource"}} RPCClient.js:278

13:59:34:191 RPCClient.js:281

**注册UI通道**

{"jsonrpc":"2.0","id":400,"method":"MB.registerComponent","params":{"componentName":"UI"}} RPCClient.js:278

13:59:34:191 RPCClient.js:281

Message received: {"id":400,"jsonrpc":"2.0","result":4000}

**注册UI消息**

{"jsonrpc":"2.0","id":4001,"method":"MB.subscribeTo","params":{"propertyName":"UI.OnRecordStart"}} RPCClient.js:278

13:59:34:198 RPCClient.js:281

Message received: {"id":4001,"jsonrpc":"2.0","result":"OK"}

**注册VehicleInfo, Navigation, Buttons, TTS通道**

{"jsonrpc":"2.0","id":700,"method":"MB.registerComponent","params":{"componentName":"VehicleInfo"}} RPCClient.js:278

13:59:35:178 RPCClient.js:281

Message received: {"id":700,"jsonrpc":"2.0","result":5000}

RPCClient.js:130

FFW.VehicleInfo.onRPCRegistered VehicleInfoRPC.js:82

RPCCLient.onWSOpen RPCClient.js:117

{"jsonrpc":"2.0","id":800,"method":"MB.registerComponent","params":{"componentName":"Navigation"}} RPCClient.js:278

13:59:36:166 RPCClient.js:281

Message received: {"id":800,"jsonrpc":"2.0","result":6000}

RPCClient.js:130

FFW.Navigation.onRPCRegistered NavigationRPC.js:85

RPCCLient.onWSOpen RPCClient.js:117

{"jsonrpc":"2.0","id":200,"method":"MB.registerComponent","params":{"componentName":"Buttons"}} RPCClient.js:278

13:59:37:174 RPCClient.js:281

Message received: {"id":200,"jsonrpc":"2.0","result":7000}

RPCClient.js:130

FFW.Buttons.onRPCRegistered ButtonsRPC.js:72

RPCCLient.onWSOpen RPCClient.js:117

{"jsonrpc":"2.0","id":300,"method":"MB.registerComponent","params":{"componentName":"TTS"}} RPCClient.js:278

13:59:38:165 RPCClient.js:281

Message received: {"id":300,"jsonrpc":"2.0","result":8000}

**Ready:**

{"jsonrpc":"2.0","method":"BasicCommunication.OnReady"} RPCClient.js:278

**GetSystemInfo: 没有注册？**

Message received: {"id":1,"jsonrpc":"2.0","method":"BasicCommunication.GetSystemInfo"}

RPCClient.js:130

FFW.BasicCommunicationRPC.onRPCRequest BasicCommunicationRPC.js:437

BasicCommunication.GetSystemInfo Response BasicCommunicationRPC.js:532

{"jsonrpc":"2.0","id":1,"result":{"code":0,"method":"BasicCommunication.GetSystemInfo","ccpu\_version":"ccpu\_version","language":"EN-US","wersCountryCode":"wersCountryCode"}}

**IsReady?**

Message received: {"id":2,"jsonrpc":"2.0","method":"VR.IsReady"}

RPCClient.js:130

FFW.VR.onRPCRequest VRRPC.js:155

FFW.VR.IsReadyResponse VRRPC.js:230

{"jsonrpc":"2.0","id":2,"result":{"available":true,"code":0,"method":"VR.IsReady"}} RPCClient.js:278

13:59:38:422 RPCClient.js:281

Message received: {"id":3,"jsonrpc":"2.0","method":"TTS.IsReady"}

RPCClient.js:130

FFW.TTS.onRPCRequest TTSRPC.js:148

FFW.TTS.IsReadyResponse TTSRPC.js:318

{"jsonrpc":"2.0","id":3,"result":{"available":true,"code":0,"method":"TTS.IsReady"}} RPCClient.js:278

13:59:38:493 RPCClient.js:281

Message received: {"id":4,"jsonrpc":"2.0","method":"UI.IsReady"}

RPCClient.js:130

FFW.UI.onRPCRequest UIRPC.js:163

FFW.UI.IsReadyResponse UIRPC.js:1393

{"jsonrpc":"2.0","id":4,"result":{"available":true,"code":0,"method":"UI.IsReady"}} RPCClient.js:278

13:59:38:565 RPCClient.js:281

Message received: {"id":5,"jsonrpc":"2.0","method":"Navigation.IsReady"}

RPCClient.js:130

FFW.Navigation.onRPCRequest NavigationRPC.js:148

FFW.Navigation.IsReadyResponse NavigationRPC.js:156

{"jsonrpc":"2.0","id":5,"result":{"available":true,"code":0,"method":"Navigation.IsReady"}} RPCClient.js:278

13:59:38:634 RPCClient.js:281

Message received: {"id":6,"jsonrpc":"2.0","method":"VehicleInfo.IsReady"}

RPCClient.js:130

FFW.VehicleInfo.onRPCRequest VehicleInfoRPC.js:139

FFW.VehicleInfo.IsReadyResponse VehicleInfoRPC.js:211

{"jsonrpc":"2.0","id":6,"result":{"available":true,"code":0,"method":"VehicleInfo.IsReady"}} RPCClient.js:278

13:59:38:701 RPCClient.js:281

**Buttons.GetCapabilities**

Message received: {"id":7,"jsonrpc":"2.0","method":"Buttons.GetCapabilities"}

RPCClient.js:130

FFW.Buttons.onRPCRequest ButtonsRPC.js:127

{"jsonrpc":"2.0","id":7,"result":{"capabilities":[{"name":"PRESET\_0","shortPressAvailable":true,"longPressAvailable":true,"upDownAvailable":true},

{"name":"PRESET\_1","shortPressAvailable":true,"longPressAvailable":true,"upDownAvailable":true},

{"name":"PRESET\_2","shortPressAvailable":true,"longPressAvailable":true,"upDownAvailable":true},

{"name":"PRESET\_3","shortPressAvailable":true,"longPressAvailable":true,"upDownAvailable":true},

{"name":"PRESET\_4","shortPressAvailable":true,"longPressAvailable":true,"upDownAvailable":true},

{"name":"PRESET\_5","shortPressAvailable":true,"longPressAvailable":true,"upDownAvailable":true},

{"name":"PRESET\_6","shortPressAvailable":true,"longPressAvailable":true,"upDownAvailable":true},

{"name":"PRESET\_7","shortPressAvailable":true,"longPressAvailable":true,"upDownAvailable":true},

{"name":"PRESET\_8","shortPressAvailable":true,"longPressAvailable":true,"upDownAvailable":true},

{"name":"PRESET\_9","shortPressAvailable":true,"longPressAvailable":true,"upDownAvailable":true},

{"name":"OK","shortPressAvailable":true,"longPressAvailable":true,"upDownAvailable":true},

{"name":"SEEKLEFT","shortPressAvailable":true,"longPressAvailable":true,"upDownAvailable":true},

{"name":"SEEKRIGHT","shortPressAvailable":true,"longPressAvailable":true,"upDownAvailable":true},

{"name":"TUNEUP","shortPressAvailable":true,"longPressAvailable":true,"upDownAvailable":true},

{"name":"TUNEDOWN","shortPressAvailable":true,"longPressAvailable":true,"upDownAvailable":true}],"presetBankCapabilities":

{"onScreenPresetsAvailable":true},"code":0,"method":"Buttons.GetCapabilities"}} RPCClient.js:278

13:59:38:777 RPCClient.js:281

**BasicCommunication.MixingAudioSupported**

Message received: {"id":8,"jsonrpc":"2.0","method":"BasicCommunication.MixingAudioSupported"}

RPCClient.js:130

FFW.BasicCommunicationRPC.onRPCRequest BasicCommunicationRPC.js:437

FFW.BasicCommunication.MixingAudioSupportedResponse BasicCommunicationRPC.js:1162

{"id":8,"jsonrpc":"2.0","result":{"code":0,"attenuatedSupported":true,"method":"BasicCommunication.MixingAudioSupported"}} RPCClient.js:278

13:59:38:865 RPCClient.js:281

**VR.GetLanguage**

Message received: {"id":9,"jsonrpc":"2.0","method":"VR.GetLanguage"}

RPCClient.js:130

FFW.VR.onRPCRequest VRRPC.js:155

FFW.VR.GetLanguageResponse VRRPC.js:196

{"jsonrpc":"2.0","id":9,"result":{"code":0,"method":"VR.GetLanguage","language":"EN-US"}} RPCClient.js:278

13:59:38:995 RPCClient.js:281

**VR.GetSupportedLanguages**

Message received: {"id":10,"jsonrpc":"2.0","method":"VR.GetSupportedLanguages"}

RPCClient.js:130

FFW.VR.onRPCRequest VRRPC.js:155

FFW.VR.GetSupportedLanguagesResponse VRRPC.js:177

{"jsonrpc":"2.0","id":10,"result":{"code":0,"method":"VR.GetSupportedLanguages","languages":["EN-US","ES-MX","FR-CA","DE-DE","ES-ES","EN-GB","RU-RU","TR-TR","PL-PL","FR-FR","IT-

IT","SV-SE","PT-PT","NL-NL","ZH-TW","JA-JP","AR-SA","KO-KR","PT-BR","CS-CZ","DA-DK","NO-NO"]}} RPCClient.js:278

13:59:39:68 RPCClient.js:281

**VR.GetCapabilities**

Message received: {"id":11,"jsonrpc":"2.0","method":"VR.GetCapabilities"}

RPCClient.js:130

FFW.VR.onRPCRequest VRRPC.js:155

FFW.VR.GetCapabilitiesResponse VRRPC.js:277

{"jsonrpc":"2.0","id":11,"result":{"code":0,"method":"VR.GetCapabilities","vrCapabilities":["TEXT"]}} RPCClient.js:278

13:59:39:143 RPCClient.js:281

**TTS.GetLanguage**

Message received: {"id":12,"jsonrpc":"2.0","method":"TTS.GetLanguage"}

RPCClient.js:130

FFW.TTS.onRPCRequest TTSRPC.js:148

FFW.TTS.GetLanguageResponse TTSRPC.js:270

{"jsonrpc":"2.0","id":12,"result":{"code":0,"method":"TTS.GetLanguage","language":"EN-US"}} RPCClient.js:278

13:59:39:270 RPCClient.js:281

**TTS.GetSupportedLanguages**

Message received: {"id":13,"jsonrpc":"2.0","method":"TTS.GetSupportedLanguages"}

RPCClient.js:130

FFW.TTS.onRPCRequest TTSRPC.js:148

FFW.TTS.GetSupportedLanguagesResponse TTSRPC.js:252

{"jsonrpc":"2.0","id":13,"result":{"code":0,"method":"TTS.GetSupportedLanguages","languages":["EN-US","ES-MX","FR-CA","DE-DE","ES-ES","EN-GB","RU-RU","TR-TR","PL-PL","FR-FR","IT-

IT","SV-SE","PT-PT","NL-NL","ZH-TW","JA-JP","AR-SA","KO-KR","PT-BR","CS-CZ","DA-DK","NO-NO"]}} RPCClient.js:278

13:59:39:338 RPCClient.js:281

**TTS.GetCapabilities**

Message received: {"id":14,"jsonrpc":"2.0","method":"TTS.GetCapabilities"}

RPCClient.js:130

FFW.TTS.onRPCRequest TTSRPC.js:148

FFW.TTS.GetCapabilitiesResponse TTSRPC.js:222

{"jsonrpc":"2.0","id":14,"result":{"speechCapabilities":["TEXT","PRE\_RECORDED"],"prerecordedSpeechCapabilities":

["HELP\_JINGLE","INITIAL\_JINGLE","LISTEN\_JINGLE","POSITIVE\_JINGLE","NEGATIVE\_JINGLE"],"code":0,"method":"TTS.GetCapabilities"}} RPCClient.js:278

**UI.GetLanguage**

13:59:39:439 RPCClient.js:281

Message received: {"id":15,"jsonrpc":"2.0","method":"UI.GetLanguage"}

RPCClient.js:130

FFW.UI.onRPCRequest UIRPC.js:163

FFW.UI.GetLanguageResponse UIRPC.js:972

{"jsonrpc":"2.0","id":15,"result":{"code":0,"method":"UI.GetLanguage","language":"EN-US"}} RPCClient.js:278

13:59:39:551 RPCClient.js:281

**UI.GetSupportedLanguages**

Message received: {"id":16,"jsonrpc":"2.0","method":"UI.GetSupportedLanguages"}

RPCClient.js:130

FFW.UI.onRPCRequest UIRPC.js:163

FFW.UI.GetSupportedLanguagesResponse UIRPC.js:951

{"id":16,"jsonrpc":"2.0","result":{"code":0,"method":"UI.GetSupportedLanguages","languages":["EN-US","ES-MX","FR-CA","DE-DE","ES-ES","EN-GB","RU-RU","TR-TR","PL-PL","FR-FR","IT-

IT","SV-SE","PT-PT","NL-NL","ZH-TW","JA-JP","AR-SA","KO-KR","PT-BR","CS-CZ","DA-DK","NO-NO"]}} RPCClient.js:278

13:59:39:625 RPCClient.js:281

**UI.GetCapabilities**

Message received: {"id":17,"jsonrpc":"2.0","method":"UI.GetCapabilities"}

RPCClient.js:130

FFW.UI.onRPCRequest UIRPC.js:163

FFW.UI.GetCapabilitiesResponse UIRPC.js:993

{"jsonrpc":"2.0","id":17,"result":{"displayCapabilities":{"displayType":"GEN2\_8\_DMA","textFields":[{"name":"mainField1","characterSet":"TYPE2SET","width":500,"rows":1},

{"name":"mainField2","characterSet":"TYPE2SET","width":500,"rows":1},{"name":"mainField3","characterSet":"TYPE2SET","width":500,"rows":1},

{"name":"mainField4","characterSet":"TYPE2SET","width":500,"rows":1},{"name":"statusBar","characterSet":"TYPE2SET","width":500,"rows":1},

{"name":"mediaClock","characterSet":"TYPE2SET","width":500,"rows":1},{"name":"mediaTrack","characterSet":"TYPE2SET","width":500,"rows":1},

{"name":"alertText1","characterSet":"TYPE2SET","width":500,"rows":1},{"name":"alertText2","characterSet":"TYPE2SET","width":500,"rows":1},

{"name":"alertText3","characterSet":"TYPE2SET","width":500,"rows":1},{"name":"scrollableMessageBody","characterSet":"TYPE2SET","width":500,"rows":1},

{"name":"initialInteractionText","characterSet":"TYPE2SET","width":500,"rows":1},{"name":"navigationText1","characterSet":"TYPE2SET","width":500,"rows":1},

{"name":"navigationText2","characterSet":"TYPE2SET","width":500,"rows":1},{"name":"ETA","characterSet":"TYPE2SET","width":500,"rows":1},

{"name":"totalDistance","characterSet":"TYPE2SET","width":500,"rows":1},{"name":"navigationText","characterSet":"TYPE2SET","width":500,"rows":1},

{"name":"audioPassThruDisplayText1","characterSet":"TYPE2SET","width":500,"rows":1},{"name":"audioPassThruDisplayText2","characterSet":"TYPE2SET","width":500,"rows":1},

{"name":"sliderHeader","characterSet":"TYPE2SET","width":500,"rows":1},{"name":"sliderFooter","characterSet":"TYPE2SET","width":500,"rows":1},

{"name":"notificationText","characterSet":"TYPE2SET","width":500,"rows":1},{"name":"menuName","characterSet":"TYPE2SET","width":500,"rows":1},

{"name":"secondaryText","characterSet":"TYPE2SET","width":500,"rows":1},{"name":"tertiaryText","characterSet":"TYPE2SET","width":500,"rows":1},

{"name":"timeToDestination","characterSet":"TYPE2SET","width":500,"rows":1},{"name":"turnText","characterSet":"TYPE2SET","width":500,"rows":1},

{"name":"menuTitle","characterSet":"TYPE2SET","width":500,"rows":1},{"name":"locationName","characterSet":"TYPE2SET","width":500,"rows":1},

{"name":"locationDescription","characterSet":"TYPE2SET","width":500,"rows":1},{"name":"addressLines","characterSet":"TYPE2SET","width":500,"rows":1},

{"name":"phoneNumber","characterSet":"TYPE2SET","width":500,"rows":1}],"imageFields":[{"name":"softButtonImage","imageTypeSupported":

["GRAPHIC\_BMP","GRAPHIC\_JPEG","GRAPHIC\_PNG"],"imageResolution":{"resolutionWidth":64,"resolutionHeight":64}},{"name":"choiceImage","imageTypeSupported":

["GRAPHIC\_BMP","GRAPHIC\_JPEG","GRAPHIC\_PNG"],"imageResolution":{"resolutionWidth":64,"resolutionHeight":64}},{"name":"choiceSecondaryImage","imageTypeSupported":

["GRAPHIC\_BMP","GRAPHIC\_JPEG","GRAPHIC\_PNG"],"imageResolution":{"resolutionWidth":64,"resolutionHeight":64}},{"name":"vrHelpItem","imageTypeSupported":

["GRAPHIC\_BMP","GRAPHIC\_JPEG","GRAPHIC\_PNG"],"imageResolution":{"resolutionWidth":64,"resolutionHeight":64}},{"name":"turnIcon","imageTypeSupported":

["GRAPHIC\_BMP","GRAPHIC\_JPEG","GRAPHIC\_PNG"],"imageResolution":{"resolutionWidth":64,"resolutionHeight":64}},{"name":"menuIcon","imageTypeSupported":

["GRAPHIC\_BMP","GRAPHIC\_JPEG","GRAPHIC\_PNG"],"imageResolution":{"resolutionWidth":64,"resolutionHeight":64}},{"name":"cmdIcon","imageTypeSupported":

["GRAPHIC\_BMP","GRAPHIC\_JPEG","GRAPHIC\_PNG"],"imageResolution":{"resolutionWidth":64,"resolutionHeight":64}},{"name":"graphic","imageTypeSupported":

["GRAPHIC\_BMP","GRAPHIC\_JPEG","GRAPHIC\_PNG"],"imageResolution":{"resolutionWidth":64,"resolutionHeight":64}},{"name":"showConstantTBTIcon","imageTypeSupported":

["GRAPHIC\_BMP","GRAPHIC\_JPEG","GRAPHIC\_PNG"],"imageResolution":{"resolutionWidth":64,"resolutionHeight":64}},{"name":"showConstantTBTNextTurnIcon","imageTypeSupported":

["GRAPHIC\_BMP","GRAPHIC\_JPEG","GRAPHIC\_PNG"],"imageResolution":{"resolutionWidth":64,"resolutionHeight":64}},{"name":"showConstantTBTNextTurnIcon","imageTypeSupported":

["GRAPHIC\_BMP","GRAPHIC\_JPEG","GRAPHIC\_PNG"],"imageResolution":{"resolutionWidth":64,"resolutionHeight":64}}],"mediaClockFormats":

["CLOCK1","CLOCK2","CLOCK3","CLOCKTEXT1","CLOCKTEXT2","CLOCKTEXT3","CLOCKTEXT4"],"graphicSupported":true,"imageCapabilities":["DYNAMIC","STATIC"],"templatesAvailable":

["TEMPLATE"],"screenParams":{"resolution":{"resolutionWidth":800,"resolutionHeight":480},"touchEventAvailable":

{"pressAvailable":true,"multiTouchAvailable":true,"doublePressAvailable":false}},"numCustomPresetsAvailable":10},"audioPassThruCapabilities":

{"samplingRate":"44KHZ","bitsPerSample":"8\_BIT","audioType":"PCM"},"hmiZoneCapabilities":"FRONT","softButtonCapabilities":

{"shortPressAvailable":true,"longPressAvailable":true,"upDownAvailable":true,"imageSupported":true},"code":0,"method":"UI.GetCapabilities"}} RPCClient.js:278

13:59:39:701 RPCClient.js:281

**VehicleInfo.GetVehicleType**

Message received: {"id":18,"jsonrpc":"2.0","method":"VehicleInfo.GetVehicleType"}

RPCClient.js:130

FFW.VehicleInfo.onRPCRequest VehicleInfoRPC.js:139

FFW.VehicleInfo.GetVehicleTypeResponse VehicleInfoRPC.js:409

{"jsonrpc":"2.0","id":18,"result":{"code":0,"method":"VehicleInfo.GetVehicleType","vehicleType":{"make":"Ford","model":"Fiesta","modelYear":"2013","trim":"SE"}}} RPCClient.js:278

13:59:39:861 RPCClient.js:281

**VehicleInfo.GetVehicleData**

Message received: {"id":19,"jsonrpc":"2.0","method":"VehicleInfo.GetVehicleData","params":{"vin":true}}

RPCClient.js:130

FFW.VehicleInfo.onRPCRequest VehicleInfoRPC.js:139

FFW.VehicleInfo.GetVehicleDataResponse VehicleInfoRPC.js:370

{"jsonrpc":"2.0","id":19,"result":{"vin":"52-452-52-752","code":0,"method":"VehicleInfo.GetVehicleData"}} RPCClient.js:278

13:59:39:936 RPCClient.js:281

# 应用注册

**BasicCommunication.UpdateDeviceList**

Message received: {"id":20,"jsonrpc":"2.0","method":"BasicCommunication.UpdateDeviceList","params":{"deviceList":

[{"id":"2828dbb20eebb308a2395204d1d4cf655be18fd331a3a66ef370f21e29e51b82","isSDLAllowed":true,"name":"10.27.0.118","transportType":"WIFI"}]}}

RPCClient.js:130

FFW.BasicCommunicationRPC.onRPCRequest FFW.BasicCommunicationRPC.onRPCRequest BasicCommunicationRPC.js:437

FFW.BasicCommunication.UpdateDeviceListResponse BasicCommunicationRPC.js:728

{"jsonrpc":"2.0","id":20,"result":{"code":0,"method":"BasicCommunication.UpdateDeviceList"}} RPCClient.js:278

14:3:35:724 RPCClient.js:281

**BasicCommunication.OnAppRegistered**

Message received: {"jsonrpc":"2.0","method":"BasicCommunication.OnAppRegistered","params":{"application":{"appID":19170,"appName":"SyncProxyTester","appType":

["NAVIGATION"],"deviceInfo":

{"id":"2828dbb20eebb308a2395204d1d4cf655be18fd331a3a66ef370f21e29e51b82","isSDLAllowed":true,"name":"10.27.0.118","transportType":"WIFI"},"hmiDisplayLanguageDesired":"EN-

US","icon":"","isMediaApplication":true,"ngnMediaScreenAppName":"SyncP","requestType":[]},"priority":"NONE","resumeVrGrammars":false,"vrSynonyms":["SyncProxyTester"]}}

RPCClient.js:130

FFW.BasicCommunicationRPC.onRPCNotification BasicCommunicationRPC.js:350

**BasicCommunication.OnFindApplications**

FFW.BasicCommunication.OnFindApplications BasicCommunicationRPC.js:960

{"jsonrpc":"2.0","method":"BasicCommunication.OnFindApplications"} RPCClient.js:278

**BasicCommunication.UpdateAppList**

Message received: {"id":21,"jsonrpc":"2.0","method":"BasicCommunication.UpdateAppList","params":{"applications":[{"appID":19170,"appName":"SyncProxyTester","appType":

["NAVIGATION"],"deviceInfo":

{"id":"2828dbb20eebb308a2395204d1d4cf655be18fd331a3a66ef370f21e29e51b82","isSDLAllowed":true,"name":"10.27.0.118","transportType":"WIFI"},"hmiDisplayLanguageDesired":"EN-

US","isMediaApplication":true,"ngnMediaScreenAppName":"SyncP"}]}}

RPCClient.js:130

FFW.BasicCommunicationRPC.onRPCRequest BasicCommunicationRPC.js:437

FFW.BasicCommunication.UpdateAppListResponse BasicCommunicationRPC.js:728

{"jsonrpc":"2.0","id":21,"result":{"code":0,"method":"BasicCommunication.UpdateAppList"}} RPCClient.js:278

**TTS.SetGlobalProperties**

Message received: {"id":22,"jsonrpc":"2.0","method":"TTS.SetGlobalProperties","params":{"appID":19170,"helpPrompt":[]}}

RPCClient.js:130

FFW.TTS.onRPCRequest TTSRPC.js:148

FFW.TTS.SetGlobalPropertiesResponse TTSRPC.js:395

{"jsonrpc":"2.0","id":22,"result":{"code":0,"method":"TTS.SetGlobalProperties"}} RPCClient.js:278

14:3:39:598 RPCClient.js:281

**SDL.OnStatusUpdate**

Message received: {"jsonrpc":"2.0","method":"SDL.OnStatusUpdate","params":{"status":"UPDATING"}}

**TTS.Started**

FFW.TTS.Started TTSRPC.js:435

{"jsonrpc":"2.0","method":"TTS.Started"} RPCClient.js:278

**SDL.GetUserFriendlyMessage**

SDL.GetUserFriendlyMessage: Request from HMI! BasicCommunicationRPC.js:668

{"jsonrpc":"2.0","id":3012,"method":"SDL.GetUserFriendlyMessage","params":{"language":"EN-US","messageCodes":["StatusPending"]}} RPCClient.js:278

14:3:40:7 RPCClient.js:281

Message received: {"id":3012,"jsonrpc":"2.0","result":{"code":0,"method":"SDL.GetUserFriendlyMessage"}}

RPCClient.js:130

**VR.ChangeRegistration**

Message received: {"id":23,"jsonrpc":"2.0","method":"VR.ChangeRegistration","params":{"appID":19170,"language":"EN-US"}}

RPCClient.js:130

FFW.VR.onRPCRequest VRRPC.js:155

FFW.VR.ChangeRegistrationResponse VRRPC.js:422

{"jsonrpc":"2.0","id":23,"result":{"code":0,"method":"VR.ChangeRegistration"}} RPCClient.js:278

14:3:43:475 RPCClient.js:281

**TTS.ChangeRegistration**

Message received: {"id":24,"jsonrpc":"2.0","method":"TTS.ChangeRegistration","params":{"appID":19170,"language":"EN-US"}}

RPCClient.js:130

FFW.TTS.onRPCRequest TTSRPC.js:148

FFW.TTS.ChangeRegistrationResponse TTSRPC.js:395

{"jsonrpc":"2.0","id":24,"result":{"code":0,"method":"TTS.ChangeRegistration"}} RPCClient.js:278

14:3:43:758 RPCClient.js:281

**UI.ChangeRegistration**

Message received: {"id":25,"jsonrpc":"2.0","method":"UI.ChangeRegistration","params":{"appID":19170,"language":"EN-US"}}

RPCClient.js:130

FFW.UI.onRPCRequest UIRPC.js:163

FFW.UI.ChangeRegistrationResponse UIRPC.js:1500

{"jsonrpc":"2.0","id":25,"result":{"code":0,"method":"UI.ChangeRegistration"}} RPCClient.js:278

**TTS.Stopped**

{"jsonrpc":"2.0","method":"TTS.Stopped"} RPCClient.js:278

# 应用激活

**SDL.ActivateApp**

FFW.SDL.OnAppActivated: Request from HMI! BasicCommunicationRPC.js:579

{"jsonrpc":"2.0","id":3013,"method":"SDL.ActivateApp","params":{"appID":19170}} RPCClient.js:278

14:7:36:139 RPCClient.js:281

Message received: {"id":3013,"jsonrpc":"2.0","result":

{"code":0,"isAppPermissionsRevoked":false,"isAppRevoked":false,"isPermissionsConsentNeeded":false,"isSDLAllowed":true,"method":"SDL.ActivateApp","priority":"NONE"}}

RPCClient.js:130

**TTS.SetGlobalProperties**

Message received: {"id":26,"jsonrpc":"2.0","method":"TTS.SetGlobalProperties","params":

{"appID":19170,"helpPrompt":[]}}

RPCClient.js:130

FFW.TTS.onRPCRequest TTSRPC.js:148

FFW.TTS.SetGlobalPropertiesResponse TTSRPC.js:395

{"jsonrpc":"2.0","id":26,"result":{"code":0,"method":"TTS.SetGlobalProperties"}} RPCClient.js:278

14:7:56:117 RPCClient.js:281