Server Controlled Features

FSD

Revision <1.1>

<11-04-06>

 Bo Duan

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Revision History

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| --- | --- | --- | --- |
| Version | Date of Issue | Remarks | Revised By |
| 1.0 | 11-04-06 | 1st version | Bo Duan |
| 1.1 | 11-04-07 | 2st version  Confirm some problems. | Bo Duan |
| 1.2 | 11-06-10 | Add OneBox Search Tab Feature Parameter | Bo Duan |

Owner of this document:

Duan Bo – Developer of TN 7.0

Used for development and also as a reference for QA test.

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# Introduction

In short, we are facing the feature FE-2 introducedin PRD3.0 of TN 7.0 studio project.

Server controlled Features (FE-2) means the server can deliver a feature list to the client which can turn on or off certain features depending on the client program.

And for client and C-Server, there will be the “sdp\_common.xml” as protocol for this requirement. So, the purpose of this document is to declare what does everyKEY (such ATT\_DSR, ATT\_TRAFFIC ) defined in SDP.xml means, and most important, which is the KEY’s relative controllable feature listed in PRD ( FE-2 ).

The current KEYs in SDP.xml can be separated into 2 categories.

1. For the features controlled requirement listed in PRD.
2. Just for technique requirement, such as KEYs for ParlayX request strategy.

# Descriptions For Keys in SDP.xml

Please see this SDP.xml file:



And there are PM’s comments for some features in PRD( FE-2 ):



## Keys forcontrolled features listed in PRD

**One Common Sense: If the value is a mark for enable/disable feature,1is for true and0for false.**

|  |  |  |  |
| --- | --- | --- | --- |
| Key Name | Relative Controllable Feature in PRD | Descriptions | Remarks |
| FE\_DSR | **Command & Control** | If it is enabled, the speech button will appear and the application will be able to use voice input. If it is disabled, the speech button will be removed from global navigation and the other buttons will be enlarged to fill the space. | Done. |
| MAP\_LAYER\_TRAFFIC  MAP\_LAYER\_CAMERA  MAP\_LAYER\_SATELLITE | **Dynamic Layers Tray** | The layers tray is an expandable tray that appears on the map screen. It can have three different enabled overlays: Traffic, Cameras and Satellite View. Which of these is displayed in the tray will be decided by the feature list. | Done. |
| NAV\_SPEED\_LIMIT | **Traffic Signs** | PM’s comment :  If disable, it will remove the traffic sign (speed limit) from the Navigation view. | Will be presented in next version.  Done. |
| ROUTE\_PLANNING\_MULTI\_ROUTE | **Multi-Route** | If enabled up to three routes will be used for the Route Planning screen, if disabled only one will be used. Actually, it decides if user can see route planning screen. | Done. |
| NAV\_LANE\_ASSIST | **Lane Assist** | If enabled we will display lane assist data in turn-by-turn mode, if disabled this will not be displayed. | Done. |
| NAV\_JUNCTION\_VIEW | **Junction View** | If enabled we will display junction view in turn-by-turn mode, if disabled this will not be displayed. | Will be presented in next version.  Dongzhen will take it. |
| SPLASH\_SCREEN\_TIMEOUT | **Splash Screen Display Time** | Splash duration time. | Done. |
| MAP\_DATA\_CACHING | **Map Caching** | If enabled we will perform preemptive caching of map data, if disabled we will only cache map data that was downloaded by a user action. | Will be presented in next version. Jianyong will take it. |
| TRAFFIC | **Traffic** | PM’s comment:  If disable, it will remove the following:   1. No traffic optimized routing. 2. No traffic button on the layers tab. 3. No traffic tab on the “Routes” page on either Navigation or Static Routing. 4. No “Traffic” button on the Drive to screen. 5. No traffic alerts will be displayed.   This is for international markets where we don’t have traffic data.  We can move this to 7.0.1 if this is too much in too short of time. | We have implemented part of this. The left part we can be done in 7.0.1 as PM’s comment. |
| GPS\_PROBE | **GPS Probe** | If enabled we will allow the GPS traffic probe to be used. If disabled the GPS probe will not be used. | Although the policy file candeals with this.  We would add this in SDP too.  Duan Bo will take it. |
| ONEBOX\_SEARCH\_TAB\_FEATURE | **OneBox Search Tab** | If the customer is in a region which supports traditional One Box the tabs will be hidden and One Box will function normally.  If, for whatever the reason, the customer is in a region which has not been programmed as either supported or not supported the application will default to displaying the tabs to ensure minimum functionality is provided. | Done. |
| No Need Define. | **Map Data Provider** | The data provider the client will use for maps. | Controlled by startup request. |
| No Need Define. | **Home screen** | The home screen is a shortcuts screen that will appear when the application is launched. If it is enabled it will be displayed, if it is disabled the user will be taken to the Map screen on launch instead. | No this feature now. |
| No Need Define. | **Distance Measurement** | The default units of distance measurement used by the application. | Controlled by preference. |
| No Need Define. | **Client Languages** | The default language and secondary languages for the application. | Controlled by preference. |
| No Need Define. | **Map Region** | The region of maps that the program has access to. | Controlled by OpenGL |
| No Need Define. | **Top 15 categories** | The top 15 Places categories that will be used by the Places category search. | Controlled by Sync Res. |
| No Need Define. | **Notifications Format** | Configuration for notifications. | Controlled by Backend. |
| No Need Define. | **Card Billing (App Store)** | If enabled we will allow card billing to be utilized for Checkout in the App Store. If disabled cards will not be allowed. | Controlled by Backend. |
| No Need Define. | **Carrier Billing (App Store)** | If enabled we will allow carrier billing for App Store purchases. If disabled carrier billing will not be allowed for this purpose. | Controlled by Backend. |

## Keys for technique requirement.

**One CommonSense: If the value is a mark for enable/disable feature,1is for true and0for false.**

|  |  |  |
| --- | --- | --- |
| Key Name | Descriptions | Remarks |
| SPEED\_LIMIT\_THRESHOLD | This parameter is the threshold for display overspeed sign. For example, if this parameter's value is 15, and current road speed limit is 100, so we willdisplayoverspeed alarm while user's speed is over 100 \* ( 1 + 15% ) = 115.Attention, it is  a proportion, not an absolute value. | Done. |
| CELL\_LOCATION\_ENABLE | It is the mark of if permit cell location search to work. | Done. |
| CELL\_LOCATION\_FIRST\_WAITTIME | If cell location is permit, and there's no GPS available, it will send out cell location request after **N** seconds waiting GPS. Please notice that, the unit is second. | Done. |
| CELL\_LOCATION\_REQUEST\_TIMES | Since parlay x server is not strong enough, it can't bear over load requests from clients. So client will add protection to avoid too many hits to parlay X server. The CELL\_LOCATION\_REQUEST\_TIMES means client can send no more requests than its value for one launch. The counter will be refreshing while client exit and restart. | Done. |
| CELL\_LOCATION\_REQUEST\_INTERVAL | With the same reason of last parameter, this parameter limit the request frequency by set the request interval for parlay X. The unit is second. | Done. |
| CELL\_LOCATION\_LIVE\_TIME | It points out how long the cell location can be seen as fresh location. Or how long it will be expired, and can't be used anymore. The unit is second. | Done. |
| APP\_BACKGROUND\_LIVE\_TIME\_WHILE\_EXIT | While exit app, it will send a series request for sync res, and it may take rather long time. This parameter is protection for this process. If it is set to 30s, the app will dead after 30s   no matter the sync process is finish or not. | Need Impl. |
| DSR\_SPEECH\_END\_THRESHOLD | Use for DSR endpoint check. | Done. |
| MISREPORTING\_ATT\_NAV  MISHELPERS.710.POISEARCHR  MISHELPERS.710.ROUTER | Mislog parameters, will be detail in MisLog's doc. | Done. |
| NETWORK\_WARM\_REQUEST\_URL | Network warm URL. | Need Impl. |
| NETWORK\_WARM\_HTTP\_REQUEST\_METHOD | The warm method for HttpURLConnection | Need Impl. |
| MAX\_NETWORK\_WARM\_REQUEST\_INTERVAL | The max warm interval. | Need Impl. |
| NETWORK\_WARM\_REQUEST\_DURATION | It warm request doesn't return sooner than this DURATION, it will stop. | Need Impl. |
| C2DM\_SENDER\_GOOGLE\_ACCOUNT | The account by which C2DM can work for Share Address. | Done. |
| DEFAULT\_CAR\_ICON | Default car icon used in OpenGL engine. | Done. |
| DEFAULT\_GUIDE\_TONE | Default guild tone. | Done. |
| NAV\_SPEED\_TRAP | If Speed trap enable in 3D Nav View. | Done. |
| NAV\_TRAFFIC\_CAMERA | If camera enable in 3D Nav View. | Done. |
| BILLBOARD\_AD\_POLLING\_INTERVAL | Polling billboard ad interval, Unit seconds, -1 means never polling ad. | Done. |
| TERMS\_AND\_CONDITIONS\_URL | URL for terms. | Done. |
| SUPPORT\_URL | Support page’s URL. | Done. |