# JsRegister类

## 注册的前台js方法

### 地图的操作

显示全地图

ExternalInterface.addCallback(**'viewEntire'**, viewEntire);

停止对地图的划选操作

ExternalInterface.addCallback(**'stopMark'**, stopMark);

地图放大和缩小

ExternalInterface.addCallback(**'zoomIn'**, zoomIn);

ExternalInterface.addCallback(**'zoomOut'**, zoomOut);

设置中心点及显示级别

ExternalInterface.addCallback(**'setCenterAndZoom'**, setCenterAndZoom);

根据车辆ID设置中心点及显示级别

ExternalInterface.addCallback(**'setCenterAndZoomByCarId'**, setCenterAndZoomByCarId);

以最佳缩放级别显示（根据左下顶点、右上顶点计算）

ExternalInterface.addCallback(**'showBestLevelByLeftBottomAndRightTop'**, showBestLevelByLeftBottomAndRightTop);

以最佳缩放级别和位置显示（根据一组点计算）

ExternalInterface.addCallback(**'showBestLevel'**, showBestLevel);

获取地图中心点经纬度

ExternalInterface.addCallback(**'getCenter'**, getCenter);

获取地图地图缩放级别

ExternalInterface.addCallback(**'getZoom'**, getZoom);

传回地图视图的可视矩形区域（以地理坐标表示）

ExternalInterface.addCallback(**'getViewBounds'**, getViewBounds);

选取放大

ExternalInterface.addCallback(**'selectZoomIn'**, selectZoomIn);

选取缩小

ExternalInterface.addCallback(**'selectZoomOut'**, selectZoomOut);

测距

ExternalInterface.addCallback(**'measureDistance'**, measureDistance);

测周长

ExternalInterface.addCallback(**'measureCircumference'**, measureCircumference);

测面积

ExternalInterface.addCallback(**'measureArea'**, measureArea);

清除所有标记

ExternalInterface.addCallback(**'clearOverlays'**, clearOverlays);

ExternalInterface.addCallback(**'removeTempOverlay'**, removeTempOverlay);

前一视图

ExternalInterface.addCallback(**'backView'**, backView);

后一视图

ExternalInterface.addCallback(**'forwardView'**, forwardView);

ExternalInterface.addCallback(**'print'**, print);

关闭气泡

ExternalInterface.addCallback(**'closeInfoWindow'**, closeInfoWindow);

点状划选

ExternalInterface.addCallback(**'pointSelect'**, pointSelect);

矩形划选

ExternalInterface.addCallback(**'rectSelect'**, rectSelect);

多边形划选

ExternalInterface.addCallback(**'polygonSelect'**, polygonSelect);

圆形划选

ExternalInterface.addCallback(**'circleSelect'**, circleSelect);

线型划选

ExternalInterface.addCallback(**'lineSelect'**, lineSelect);

划圆形

ExternalInterface.addCallback(**'drawCircle'**, drawCircle);

ExternalInterface.addCallback(**'removeCircle'**, removeCircle);

划粗定位圆形

ExternalInterface.addCallback(**'drawCellCircle'**, drawCellCircle);

ExternalInterface.addCallback(**'removeCellCircle'**, removeCellCircle);

### 标记操作

选择标记位置

ExternalInterface.addCallback(**'chooseMarkPos'**, chooseMarkPos);

添加兴趣点

ExternalInterface.addCallback(**'addMark'**, addMark);

显示兴趣点

ExternalInterface.addCallback(**'showMark'**, showMark);

修改兴趣点

ExternalInterface.addCallback(**'modifyMark'**, modifyMark);

删除兴趣点

ExternalInterface.addCallback(**'removeMark'**, removeMark);

添加图片

ExternalInterface.addCallback(**'addImage'**, addImage);

删除所有图片

ExternalInterface.addCallback(**'removeAllImage'**, removeAllImage);

显示车辆的拍照图片

ExternalInterface.addCallback(**'openImageWindow'**, openImageWindow);

#### 车辆的操作（重要）

添加车辆

ExternalInterface.addCallback(**'addCar'**, addCar);

根据车辆ID添加车辆

ExternalInterface.addCallback(**'addCarByCarId'**, addCarByCarId);

聚集车辆图标

ExternalInterface.addCallback(**'clusterCarMarkers'**, clusterCarMarkers);

更新车辆信息

ExternalInterface.addCallback(**'updateCarInfo'**, updateCarInfo);

更新车辆位置

ExternalInterface.addCallback(**'updateCarPosition'**, updateCarPosition);

显示车辆气泡

ExternalInterface.addCallback(**'openCarInfoWindow'**, openCarInfoWindow);

*// ExternalInterface.addCallback('openLastCarInfoWindow', openCellCarInfoWindow);*

*// ExternalInterface.addCallback('addCellCarByCarId', addCellCarByCarId);*

*// ExternalInterface.addCallback('setCellCenterAndZoomByCarId', setCellCenterAndZoomByCarId);*

添加车辆追踪轨迹线

ExternalInterface.addCallback(**'addCarTailTrackLine'**, addCarTailTrackLine);

删除车辆追踪轨迹线

ExternalInterface.addCallback(**'removeCarTailTrackLine'**, removeCarTailTrackLine);

添加告警标记

ExternalInterface.addCallback(**'addAlarmMarker'**, addAlarmMarker);

显示告警气泡

ExternalInterface.addCallback(**'openAlarmInfoWindow'**, openAlarmInfoWindow);

更新告警位置

ExternalInterface.addCallback(**'updateAlarmPosition'**, updateAlarmPosition);

移除告警标记

ExternalInterface.addCallback(**'removeAlarmMarker'**, removeAlarmMarker);  
移除所有告警标记

ExternalInterface.addCallback(**'removeAllAlarmMarker'**, removeAllAlarmMarker);

#### 其他标记

添加地物标记

ExternalInterface.addCallback(**'addResMarker'**, addResMarker);

ExternalInterface.addCallback(**'removeAllResMarkers'**, removeAllResMarkers);

删除所有地物标记

ExternalInterface.addCallback(**'removeAllDisMeasureMarker'**, removeAllDisMeasureMarker);

添加车速分析定位标记

ExternalInterface.addCallback(**'addSpeedAnalysisPositionMarker'**, addSpeedAnalysisPositionMarker);

删除所有车速分析定位标记

ExternalInterface.addCallback(**'removeAllSpeedAnalysisPositionMarkers'**, removeAllSpeedAnalysisPositionMarkers);

### 电子围栏

添加电子围栏

ExternalInterface.addCallback(**'addCrawl'**, addCrawl);

显示电子围栏

ExternalInterface.addCallback(**'showCrawl'**, showCrawl);

更新围栏信息

ExternalInterface.addCallback(**'updateCrawlInfo'**, updateCrawlInfo);

移除电子围栏

ExternalInterface.addCallback(**'removeCrawl'**, removeCrawl);

隐藏所有电子围栏

ExternalInterface.addCallback(**'hideAllCrawls'**, hideAllCrawls);

根据围栏设置，隐藏或显示围栏

ExternalInterface.addCallback(**'hideOrShowCrawls'**, hideOrShowCrawls);

### 线路和站点

添加车辆线路

ExternalInterface.addCallback(**'addCarLine'**, addCarLine);

移除车辆线路

ExternalInterface.addCallback(**'removeCarLine'**, removeCarLine);

添加站点

ExternalInterface.addCallback(**'addSiteMarker'**, addSiteMarker);

移除站点

ExternalInterface.addCallback(**'removeSiteMarker'**, removeSiteMarker);

添加路径点

ExternalInterface.addCallback(**'addLinePoint'**, addLinePoint);

移除路径点

ExternalInterface.addCallback(**'removeAllLinePoint'**, removeAllLinePoint);

添加消防水源标注

ExternalInterface.addCallback(**'addFirehydrant'**, addFirehydrant);

显示消防水源标注

ExternalInterface.addCallback(**'showFirehydrant'**, showFirehydrant);

删除消防水源标注

ExternalInterface.addCallback(**'removeFirehydrant'**, removeFirehydrant);

删除全部消防水源标注

ExternalInterface.addCallback(**'removeAllFirehydrant'**, removeAllFirehydrant);

### 历史轨迹

添加轨迹车辆

ExternalInterface.addCallback(**'addHistotyTrackCar'**, addHistotyTrackCar);

显示轨迹车辆气泡

ExternalInterface.addCallback(**'openHistotyTrackCarInfoWindow'**, openHistotyTrackCarInfoWindow);

更新轨迹车辆气泡

ExternalInterface.addCallback(**'updateHistotyTrackCarPosition'**, updateHistotyTrackCarPosition);

添加车辆历史轨迹

ExternalInterface.addCallback(**'addCarHistoryTrackLine'**, addCarHistoryTrackLine);

删除车辆历史轨迹

ExternalInterface.addCallback(**'removeCarHistoryTrackLine'**, removeCarHistoryTrackLine);

添加车辆历史全部轨迹线

ExternalInterface.addCallback(**'addCarHistoryTrackLines'**, addCarHistoryTrackLines);

删除车辆历史全部轨迹线

ExternalInterface.addCallback(**'removeCarHistoryTrackLines'**, removeCarHistoryTrackLines);

添加线型

ExternalInterface.addCallback(**'addLines'**, addLines);

ExternalInterface.addCallback(**'removeLines'**, removeLines);

添加里程牌

ExternalInterface.addCallback(**'addDistanceMarker'**, addDistanceMarker);

ExternalInterface.addCallback(**'removeAllDistanceMarker'**, removeAllDistanceMarker);

添加拐点

ExternalInterface.addCallback(**'addGpointMarker'**, addGpointMarker);

ExternalInterface.addCallback(**'removeAllGpointMarker'**, removeAllGpointMarker);

添加历史轨迹测距旗帜

ExternalInterface.addCallback(**'addHistoryLineDistanceFlag'**, addHistoryLineDistanceFlag);

ExternalInterface.addCallback(**'removeAllHistoryLineDistanceFlag'**, removeAllHistoryLineDistanceFlag);

设置气泡权限及配置

ExternalInterface.addCallback(**'setTooltipPrivilegeAndSetting'**, setTooltipPrivilegeAndSetting);

更新车辆右侧树选中状态

ExternalInterface.addCallback(**'updateTreeCarCheck'**, updateTreeCarCheck);

监控指定车辆

ExternalInterface.addCallback(**'selectMonitorCar'**, selectMonitorCar);

车辆锁定

ExternalInterface.addCallback(**'lockCar'**, lockCar);

终端禁用

ExternalInterface.addCallback(**'lockTerm'**, lockTerm);

添加开始或结束点信息

ExternalInterface.addCallback(**'addStartOrEndPoint'**, addStartOrEndPoint);

删除开始或结束点信息

ExternalInterface.addCallback(**'removeStartOrEndPoint'**, removeStartOrEndPoint);

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*新增添加历史轨迹点信息*

添加轨迹点信息

ExternalInterface.addCallback(**'addHisStopPoint'**, addHisStopPoint);

删除所有轨迹点信息

ExternalInterface.addCallback(**'removeAllHisStopPoints'**, removeAllHisStopPoints);

显示轨迹点车辆气泡

ExternalInterface.addCallback(**'openHisStopPointInfoWindow'**, openHisStopPointInfoWindow);

更新轨迹点车辆气泡

ExternalInterface.addCallback(**'updateHisStopPointPosition'**, updateHisStopPointPosition);

添加停车点标签

ExternalInterface.addCallback(**'addStopPoint'**, addStopPoint);

删除所有停车标签

ExternalInterface.addCallback(**'removeAllStopPoints'**, removeAllStopPoints);

添加停车点时长标签

ExternalInterface.addCallback(**'addStopSpanMarker'**, addStopSpanMarker);

删除所有停车点时长标签

ExternalInterface.addCallback(**'removeAllStopSpanMarker'**, removeAllStopSpanMarker);

显示轨迹停车点车辆气泡

ExternalInterface.addCallback(**'openStopPointInfoWindow'**, openStopPointInfoWindow);

更新轨迹点车辆位置

ExternalInterface.addCallback(**'updateStopPointPosition'**, updateStopPointPosition);

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注册地图事件，地图变化时添加历史轨迹点ExternalInterface.addCallback(**'registerMapChangedHisPointHandler'**, registerMapChangedHisPointHandler);

*// ExternalInterface.addCallback('addHistoryPointMarker', addHistoryPointMarker);*

移除历史轨迹点

ExternalInterface.addCallback(**'removeHistoryPointMarker'**, removeHistoryPointMarker);

移除所有历史轨迹点

ExternalInterface.addCallback(**'removeAllHistoryPoints'**, removeAllHistoryPoints);

添加点击新窗体的轨迹点信息

ExternalInterface.addCallback(**'openHistoryPointInfoWindow'**, openHistoryPointInfoWindow);

移除新窗体所有列表历史轨迹点

ExternalInterface.addCallback(**'removeHistoryPointInfoWindow'**, removeHistoryPointInfoWindow);

申请交换指定车辆定位信息请求 两客一危

ExternalInterface.addCallback(**'exchangeGpsDataApply'**, exchangeGpsDataApply);

取消交换指定车辆定位信息请求 两客一危

ExternalInterface.addCallback(**'exchangeGpsDataCancle'**, exchangeGpsDataCancle);

补发指定车辆定位信息请求 两客一危

ExternalInterface.addCallback(**'exchangeGpsDataResupply'**, exchangeGpsDataResupply);

主链路注销 两客一危

ExternalInterface.addCallback(**'masterLinkCancle'**, masterLinkCancle);

从链路注销 两客一危

ExternalInterface.addCallback(**'subLinkCancle'**, subLinkCancle);

主链路断开通知

ExternalInterface.addCallback(**'masterStopMsg'**, masterStopMsg);

主动关闭主从链路通知

ExternalInterface.addCallback(**'subLinkStopMsg'**, subLinkStopMsg);

主动上报告警处理结果信息消息

ExternalInterface.addCallback(**'alarmDealResultReturn'**, alarmDealResultReturn);

ExternalInterface.addCallback(**"fireWheelEvent"**,fireWheelEvent);

获取当前被监控车辆

ExternalInterface.addCallback(**"getMonitorCarId"**,getMonitorCarId);

获取车辆信息

ExternalInterface.addCallback(**"getCarInfo"**,getCarInfo);

## 可以优化的地方：

1：是否可以将此类责任设置为只用来注册js方法，而不提供具体的实现

2：是否有必要将几乎所有的地图操作的方法暴露给前台js？

3：其中使用的很多具体方法，都直接保存在fgmap.mxal，这块肯定要进行重构