void Sig\_UpdateMessage(const serialPortState& message, const QByteArray& code, const QList<QVariant>& obj);

此条消息从上返回串口返回消息的结果，message包括串口的名称，code代表对应的功能码，obj为内容列表

以下内容根据code分类：

1.

|  |  |  |
| --- | --- | --- |
| 名称 | 内容 | 描述 |
| type\_getCameraTimeUpdate | 0xF5 | 相机时间数据上传 |

内容

|  |  |  |  |
| --- | --- | --- | --- |
| index | Key | type | 描述 |
| 1 | ID | Quint32 | 触发次数 |
| 2 | CamID | Quint8 | 相机ID |
| 3 | CentralPosition | Quint8 | 拍照位置 |
| 4 | Time | Qint64 | 时间 |

2.

|  |  |  |
| --- | --- | --- |
| 名称 | 内容 | 描述 |
| type\_getScannerTimeUpdate | 0x08 | 扫描仪时间数据上传 |

内容

|  |  |  |  |
| --- | --- | --- | --- |
| index | Key | type | 描述 |
| 1 | ScannerTime | Qint64 | 扫描仪时间 |
| 2 | TrolleyTime | Qint64 | 小车时间 |

3.

|  |  |  |
| --- | --- | --- |
| 名称 | 内容 | 描述 |
| type\_getTrolleyStatus | 0x10 | 获取小车状态 |

内容

|  |  |  |  |
| --- | --- | --- | --- |
| index | Key | type | 描述 |
| 1 | Temperature | Qint32 | 小车温度传感器温度 |
| 2 | Direction | bool | 小车方向 |
| 3 | BatteryUsage | Quint8 | 电池使用量 |

4.

|  |  |  |
| --- | --- | --- |
| 名称 | 内容 | 描述 |
| type\_getBatteryState | 0x14 | 获取小车电量 |

内容

|  |  |  |  |
| --- | --- | --- | --- |
| index | Key | type | 描述 |
| 1 | Left | double | 电池左电量 |
| 2 | Right | Double | 电池右电量 |
| 3 | BatteryUsage | Double | 总电量，左+右/2 |

3.

|  |  |  |
| --- | --- | --- |
| 名称 | 内容 | 描述 |
| type\_singleEncoderMileageUpdate | 0xFE | 获得单里程计的消息 |

内容

|  |  |  |  |
| --- | --- | --- | --- |
| index | Key | type | 描述 |
| 1 | ID | Qint32 | 触发次数 |
| 2 | Mileage | Double | 里程值 |
| 3 | ScannerTime | Qint64 | 扫描仪时间 |
| 4 | Time | Qint64 | 原始触发时间 |

4.

|  |  |  |
| --- | --- | --- |
| 名称 | 内容 | 描述 |
| type\_doubleEncoderMileageUpdate | 0xF8 | 获得双里程计的消息 |

字符串内容

|  |  |  |  |
| --- | --- | --- | --- |
| Index | Key | type | 描述 |
| 1 | ID | Qint32 | 触发次数 |
| 2 | LeftMileage | Double | 左里程里程值 |
| 3 | LeftTime | Qint64 | 左里程拟合扫描仪时间 |
| 4 | LeftTimeRaw | Qint64 | 左里程原始时间 |
| 5 | RightMileage | double | 右里程里程值 |
| 6 | RightTime | Qint64 | 右里程拟合扫描仪时间 |
| 7 | RightTimeRaw | Qint64 | 右里程原始时间 |

5.

|  |  |  |
| --- | --- | --- |
| 名称 | 内容 | 描述 |
| type\_InclinometerMessage | 0xEF | 获得倾角计信息 |

字符串内容

|  |  |  |
| --- | --- | --- |
| Key | value | 描述 |
| X | Qint32 | x值 |
| Y | Qint32 | y值 |
| Time | Qint64 | 触发时间 |

6.

|  |  |  |
| --- | --- | --- |
| 名称 | 内容 | 描述 |
| type\_ZS\_IMU | 0xFF | 惯导数据 |

内容

|  |  |  |  |
| --- | --- | --- | --- |
| index | Key | type | 描述 |
| 1 | XRotation | QString |  |
| 2 | YRotation | QString |  |
| 3 | ZRotation | QString |  |
| 4 | XAcceleration | QString |  |
| 5 | YAcceleration | QString |  |
| 6 | ZAcceleration | QString |  |
| 7 | Time | Qint64 |  |
| 8 | ID | Qint64 |  |