#include "ui\_widget.h"

#include<QPainter>

#include<QPaintEvent>

#include<QDebug>

#include<QTime>

#include<QTimer>

#include<QtSql>

#include <QKeyEvent>

#include <QTextCodec>

#include"hwlib/libshm.h"

//故障码清除标志

bool flagGzmclear = false;

unsigned char clearItem;

QString trd;

QString zjgztrd;//主机故障

//主机故障清除

bool flagZJGZclear = false;

unsigned char clearZJGZItem;

int focuseflag;

uchar valueprogressbar;

//有光标移动的菜单选项

uchar LCClearMenuRow = 0;

uchar LCSwitchmatchineRow = 0;

uchar LCMachineModeMenu = 0;

uchar LCEngineSwitchMenu = 0;

bool LCBoolMachineModenu = true;

//2017.5.4 割台设置

int LCGetaiSetup = 1;

uint GeFuWidth = 3140;

uchar Zaihexishu = 5;

uchar Autospeed = 80;

//

//2017.4.7 add

uchar LCBiaoDingRow = 0;

uchar LCPiPeixingBiaoDing = 0;

uchar LCZhujiFault = 0;

uchar LCEngineFault = 0;

//2017.5.9

uint shoubingoffset = 200;

uint langanoffset = 100;

//2017.4.8

//标定 标志判断

uchar FlagShouBing = 0;

uchar FlagXingzouBeng = 0;

uchar FlagAoBanjianxi = 0;

//2017.5.24

uchar FlagShouBingBDFinish = 0;

uchar FlagXingzouBengBDFinish = 0;

uchar FlagAoBanjianxiBDFinish = 0;

//蜂鸣器状态标志

uchar flagbeep = 1;

//焦距焦点获取

bool f1;

bool f2;

bool f3;

bool f4;

//2017.4.6

//

//主离合

unsigned char zlh = 80;

//QString strzlh = QString("%1").arg(zlh);

//卸粮离合

unsigned char xllh = 80;

//QString strxllh = QString("%1").arg(xllh);

//过桥离合

unsigned char gqlh = 80;

//QString strgqlh = QString("%1").arg(gqlh);

//滚筒

unsigned char gtzs = 10;

//QString strgtzs = QString("%1").arg(gtzs);

//风机

unsigned char fjzs = 10;

//QString strfjzs = QString("%1").arg(fjzs);

//搅龙

unsigned char jlzs = 10;

//QString strjlzs = QString("%1").arg(jlzs);

//过桥

unsigned char gqzs = 10;

//QString strgqzs = QString("%1").arg(gqzs);

//过渡变量 //临时变量

int tempzlh;

int tempxllh;

int tempgqlh;

int tempgtzs;

int tempfjzs;

int tempjlzs;

int tempgqzs;

//标志变量

bool FaZhiReadOK = true;

//bool FlagFaZhirecover = false;

//3秒内无变化函数

int ShoubingShijizhi;

int ShoubingTempShijizhi;

int XingzhoubengShijizhi;

int XingzhoubengTempShijizhi;

int AobanjianxiShijizhi;

int AobanjianxiTempShijizhi;

//2017.5.23

int shoubingzuixiao;

int shoubingzuida;

int shoubingzhongjian;

int xingzhouzuixiao;

int xingzhouzuida;

int xingzhouzhongjian;

bool FlagNext = false;

uchar ThreeOut;

//2017.4.28

bool tempflagShoubing = false;

//2017.5.16 处理小数点后2位进位问题

unsigned int shunshiyouhaoInt;

float shunshiyouhaoFloat;

long long xiaoshijiLongLong;

double xiaoshijiDouble;

//2017.6.12

float jiyouwendu = 0.0; //发动机温度

int IntJiyouwendu = 0;

//2017.6.13

Info\_SYS\_ERR DigitalFault[64];

uchar digitalFaultLength = 0;

uchar tempDigitFault = 0;

char \*zjgzffff[128] = {"11","22","33","44","55","66","77","88","99"};

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

//2017.1.14 wsj

//uchar flagFrame;

//界面选择标志

enum uiFlag

{ /\*对应stacked 页面页数\*/

xingZouWidget = 0, //行走主工作界面 0

UserMenu, //用户菜单 1

MainMenu, //主菜单 2

ClearMenu, //清零菜单 3

SystemMenu, //系统设置菜单 4

SwitchMachineMenu,//机型选择菜单 5

MachineModeMenu,//整机型号 6

HelpMenu, //帮助菜单 7

DiagnosisMenu,//故障查询菜单 8

EngineSwitchMenu,//发动机选择 9

VideoSetupMenu, //视频设置 10

PipeixingbiaodingMenu,//匹配性标定 11

FazhibiaodingMenu, //阀值标定 12

EngineFault, //发动机故障查询 13

ZhujiFault, //主机故障查询 14

JiQiXinXi, //机器信息 15

BiaoDing, //标定菜单 16

Shaomiao, //扫码查询 17

Getai //割台参数设置 18

};

uiFlag flagwidget;

//从setup 界面返回上一级界面标志

struct flagSwitch

{

uchar flagwidget;

uchar flagwork;

};

flagSwitch flagswitch;

enum matchion

{

YZB\_3A\_B = 0,

YZT\_10,

YZB\_4\_5\_7\_8,

//

//2017.4.2

JZ\_3600,

YZBT\_5,

YZT\_5,

S3000,

MGS300

};

matchion flagmatchion;

//发动机厂家选择

enum CJ

{

YuCai = 0,

WeiCai,

XiCai,

HangFa,

DongfangHong

};

CJ CJSwitch = YuCai;

//unsigned int cjnum = 0;

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

//摄像头开始标志位

uchar flagvedio = 1;

//#define Lajiao 1

#define Ziliji 1

enum flagvedioChange

{

//#define Ziliji

#ifdef Ziliji

AV2 = 0,

AV3

#endif

#ifdef Lajiao

AV1 = 0,

AV2

#endif

};

flagvedioChange flagcurrentvideo = AV2;

uchar flagyihuovideo;

uchar flagdbvideoCurrent;

uchar flagzhuqueren;//主屏确认标志

//设置超时标志

bool flagtimeout = false;

bool flagaction = false;

uchar flagtimeoutnum = 0;

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

//指针旋转变量

static float floatnu1 = 0;

float floatnu2 = 0.0;

int nu4;

uchar nu3;

float floatnu3;

uint nu2;

uint nu1;

//float nu2;

//float nu1;

int num = 0;

int numtmp = 0;

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

//故障码显示和油量状态显示

char AddSum[12][100] = {"0"};

//存储油量状态和通信故障状态

char YouAndTongxinArray[2][100] = {""};

char lengthYX;//存储油量状态和通信故障状态 的长度

char \*p1 = "通信故障";

char \*p2 = "油量开路";

char \*p3 = "油量短路";

char \*p4 = "油量异常";

int flagjuzhongnum = 0;

//故障码

unsigned int i = 0;

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

//挂到档返回时不显示故障码 变量设置

//

bool flagdaoche = false;

unsigned char numdaoche = 0;

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

long long xiaoshiJi\_m;//分钟

double xiaoshiJi\_h;//小时

float fadongzhuansu; //发动机转速

//uchar flagadd = 1;//转速方向标志位

uchar flagaddnum = 1;//转速方向标志位

uchar flagnum;

uchar flagDelay;//延时标志

uchar DelayCount;//延时六秒

uchar DelayYLcounter;//油量延时10秒响一次

uchar Delagbeepoff;//关之前延时

uchar flagbeepzero = 0;

//uchar flagYs;//延时2秒 防止一上电出现 蜂鸣器一直响。

uint matchine[5] = {0}; //保存风机，复托器，升运器，等转速 的百分比

int ruby[3] = {0};

//频率量

ushort shengyunqi =7; //升运器

ushort futuoqi =9; //复脱器

ushort zhouliuguntong=55;//轴流滚筒

ushort tuoliguntong=8;//脱粒滚筒转速

//米计 里程

//

double MIJILICHENG[3] = {0}; //米计 里程 状态标志

uint clearflag;//清零标志

uint clearSave;//存储清零标志

uchar clearCount;

uint mijisum;//米计和， 用于显示

double licheng;//里程

int lichengsum;//里程和，用于显示

//水温 机油压力,电压数据

int NumSW;

float JYYL;

float DCDY;//电池电压

float YLBFB;//油量百分比

//闪烁标志

//

//2017.5.18

//

uchar shanshuoLiangshun;//洒粮损失闪烁

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

uchar shanshuoSW;//水温闪烁

uchar shanshuoJYYL;//机油压力闪烁

uchar shanshuoYL;//油量闪烁

uchar shanshuoYZYS;//油中有水

uchar shanshuoYYYW;//液压油温

uchar shanshuoLM;//粮满

uchar shanshuoSS;//手刹

uchar shangshuoChongdian;//充电

uchar shanshuoTXGZ;//通信故障

uchar shanshuozlzs;//轴流滚筒转速

uchar shanshuoftqzs;//复托器转速

uchar shanshuosyqzs;//升运器转速

//2017.7.11 割臺摺疊

//

uchar shanshuoGeTaiWeiDaoWei;//割台未到位

uchar flagMijLic = 0;//米计里程切换标志

uchar j=0;

uchar jflag = 0;

uint mm=0;

uchar jjjflag = 0;

unsigned char mybufflag[100] = {0};

unsigned char myindex[100] = {0};

//2017.6.19

//主机故障报警变量

uchar bit00;

uchar bit01;

uchar bit02;

uchar bit03;

uchar bit04;

uchar bit05;

uchar bit06;

uchar bit07;

uchar bit10;

uchar bit11;

uchar bit12;

uchar bit13;

uchar bit14;

uchar bit15;

uchar bit16;

uchar bit17;

uchar bit20;

uchar bit21;

uchar bit22;

uchar bit23;

uchar bit24;

uchar bit25;

uchar bit26;

uchar bit27;

uchar bit30;

uchar bit31;

uchar bit32;

uchar bit33;

uchar bit34;

uchar bit35;

uchar bit36;

uchar bit37;

uchar bit40;

uchar bit41;

uchar bit42;

uchar bit43;

uchar bit44;

uchar bit45;

uchar bit46;

uchar bit47;

uchar bit50;

uchar bit51;

uchar bit52;

uchar bit53;

uchar bit54;

uchar bit55;

uchar bit56;

uchar bit57;

uchar bit60;

uchar bit61;

uchar bit62;

uchar bit63;

uchar bit64;

uchar bit65;

uchar bit66;

uchar bit67;

uchar bit70;

uchar bit71;

uchar bit72;

uchar bit73;

uchar bit74;

uchar bit75;

uchar bit76;

uchar bit77;

char \*Warning00 = "";

char \*Warning01 = "";

char \*Warning02 = "点火保险F15断路";

char \*Warning03 = "";

char \*Warning04 = "";

char \*Warning05 = "空调供电继电器保险F7断路";

char \*Warning06 = "";

char \*Warning07 = "";

char \*Warning10 = "电喇叭刹车灯保险F16断路";

char \*Warning11 = "空调保险F14断路";

char \*Warning12 = "警灯保险F17断路";

char \*Warning13 = "";

char \*Warning14 = "";

char \*Warning15 = "";

char \*Warning16 = "";

char \*Warning17 = "";

char \*Warning20 = "割台降电磁阀电源短路";

char \*Warning21 = "粮筒升电磁阀电源短路";

char \*Warning22 = "传感器供电电源短路";

char \*Warning23 = "风机电机方向控制电路短路";

char \*Warning24 = "前工作灯电源短路";

char \*Warning25 = "粮筒降电磁阀电源短路";

char \*Warning26 = "倒车灯电源短路";

char \*Warning27 = "拨禾轮降电磁阀电源短路";

char \*Warning30 = "风机调速电机电源短路";

char \*Warning31 = "割台升电磁阀电源短路";

char \*Warning32 = "行走泵推杆控制器控制短路";

char \*Warning33 = "行走泵推杆控制器控制短路";

char \*Warning34 = "近光灯电源短路";

char \*Warning35 = "暖风机供电短路";

char \*Warning36 = "电磁阀总阀电源短路";

char \*Warning37 = "远光灯电源短路";

char \*Warning40 = "拨禾轮升电磁阀电源短路";

char \*Warning41 = "";

char \*Warning42 = "";

char \*Warning43 = "";

char \*Warning44 = "";

char \*Warning45 = "";

char \*Warning46 = "";

char \*Warning47 = "";

char \*Warning50 = "割台降电磁阀电源断路";

char \*Warning51 = "粮筒升电磁阀电源断路";

char \*Warning52 = "";

char \*Warning53 = "";

char \*Warning54 = "前工作灯电源断路";

char \*Warning55 = "粮筒降电磁阀电源断路";

char \*Warning56 = "倒车灯电源断路";

char \*Warning57 = "拨禾轮降电磁阀电源断路";

char \*Warning60 = "风机调速电机电源断路";

char \*Warning61 = "割台升电磁阀电源断路";

char \*Warning62 = "行走泵推杆控制器控制信号丢失";

char \*Warning63 = "行走泵推杆控制器控制信号丢失";

char \*Warning64 = "近光灯电源断路";

char \*Warning65 = "暖风机供电断路";

char \*Warning66 = "电磁阀总阀电源断路";

char \*Warning67 = "远光灯电源断路";

char \*Warning70 = "";

char \*Warning71 = "";

char \*Warning72 = "";

char \*Warning73 = "";

char \*Warning74 = "";

char \*Warning75 = "";

char \*Warning76 = "";

char \*Warning77 = "拨禾轮升电磁阀电源断路";

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

uchar Led = 0;

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

uint bjd[4] = {0};

//uint kaku\_tlgt = 88;

//uint kaku\_syq = 77;

bool flag\_bjd = true;

bool flagjiajia = true;

int startflag = 0;

int tuoliguntong\_zs = 80; //脱离滚筒转速 //轴流滚筒

int fenliguntong\_zs = 80;//分离滚筒

int fj\_zs = 80;//风机

int ftq\_zs = 80;//复脱器

int syq\_zs = 80; //升运器

int qsq\_zs = 80; //切碎器

int gq\_zs = 80;//过桥转速

int kaku\_tlgt;//脱离滚筒转速 //轴流滚筒

int kaku\_flgt;//分离滚筒

int kaku\_fj;//风机

int kaku\_ftq;//复脱器

int kaku\_syq;//升运器

int kaku\_gqzs;//过桥转速

int ka\_tlgt;//脱离滚筒转速

int ka\_flgt;//分离滚筒

int ka\_fj;//风机

int ka\_ftq;//复脱器

int ka\_syq;//升运器

int ka\_qsq;//切碎器

int ka\_gqzs;//过桥转速

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

////时间设置 变量

QString Datesetup;

bool timeSetOK = false; //时间设置完毕标志

QString DateTimeSetup;

QString dateBuffer;

QString timeBuffer;

QDateTime MyDatetimeSetup;

//发动机故障码

long long spnItem[10];

unsigned char fmiItem[10];

QString gzmItem[10];

unsigned char un = 0;

//遍历fdjgz表

unsigned int fdjgzcount;

//主机故障码

unsigned char zjgzun = 0;

unsigned char IdItem[64];

QString zjMsItem[64];

//

//发动机厂家，机器型号，语言选择

//

unsigned int ConfigArray[3] = {0};

unsigned int ReadConfigArry[3] = {0};

//2017.5.21 闪烁

unsigned char shanshuoGunTong = 0;

unsigned char shanshuoShengyun = 0;

unsigned char shanshuoguoqiao = 0;

unsigned char shanshuofengji = 0;

//unsigned char shanshuoLiangchangman2 = 0;

//2017.5.25

//报警消音

//

unsigned char XiaoYinshanshuoSW = 0;//XiaoYin

unsigned char XiaoYinshanshuoJYYL = 0;

unsigned char XiaoYinshanshuoLM = 0;

unsigned char XiaoYinshanshuoLiangshun = 0;

unsigned char XiaoYinshanshuoGunTong = 0;//滚筒转速过低或卡住

unsigned char XiaoYinshanshuoShengyun = 0;

unsigned char XiaoYinshanshuoguoqiao = 0;

unsigned char XiaoYinshanshuofengji = 0;

unsigned char XiaoYinshanshuoSS = 0;

unsigned char XiaoYinshangshuoChongdian = 0;

unsigned char XiaoYinshanshuoYL = 0;

unsigned char XiaoYinshanshuoYZYS = 0;

//2017.7.11 割台未到位

unsigned char XiaoYinshanshuoGeTaiWeiDaoWei = 0;

////2017.7.13 液压滤清 堵塞

//unsigned char XiaoYinshanshuoYeYaLQ = 0;

////籽粒回收箱满

//unsigned char XiaoYinZiLiHuiShouMan = 0;

//2017.5.27

unsigned char SaveshanshuoSW = 0;//

unsigned char SaveshanshuoJYYL = 0;

unsigned char SaveshanshuoLM = 0;

unsigned char SaveshanshuoLiangshun = 0;

unsigned char SaveshanshuoGunTong = 0;

unsigned char SaveshanshuoShengyun = 0;

unsigned char Saveshanshuoguoqiao = 0;

unsigned char Saveshanshuofengji = 0;

unsigned char SaveshanshuoSS = 0;

unsigned char SaveshangshuoChongdian = 0;

unsigned char SaveshanshuoYL = 0;

unsigned char SaveshanshuoYZYS = 0;

//2017.7.11 割台未到位

unsigned char SaveshanshuoGeTaiWeiDaoWei = 0;

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

//报警轮流显示对应的中文

char dataSum[80][30] = {0};

int numSumTemp = 0;

int tempNum = 0;

int FlagSum = 0;

char \*WarningShuiwen = "水温偏高请检查";

char \*WarningJiyouLi = "机油压力偏低请检查";

char \*WarningYouliang = "油量偏低";

char \*WarningShouSha = "手刹未放下故障";

char \*WarningLiangChang = "粮仓已满";

char \*WarningKongLv = "空气滤芯堵塞";

char \*WarningYeYayouLvqing = "液压油滤清堵塞，请更换滤清";

char \*WarningRanyoujinshui = "燃油进水";

char \*WarningChongdianGuzhang = "充电故障";

char \*WarningFengjiGuzhang = "风机故障";

char \*WarningGunTongGuzhang = "滚筒故障";

char \*WarningShengyunqiGuzhang = "升运器故障";

char \*WarningGuoQiaoGuzhang = "过桥故障";

char \*WarningShachepanZhidongGuzhang = "刹车盘自动故障";

char \*WarningShaLiang = "洒粮损失报警";

char \*WarningGeTaiWeiDaoWei = "割台折叠状态位或安全销脱出";

char \*WarningZiLiHuiShouXiangMan = "籽粒回收箱满";

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

RAM\_CAN\_sData cantest;

RAM\_CAN\_sData\_ECU ecutest;

BiaoDingDataRsp biaoding;

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

Widget::Widget(QWidget \*parent) :

QWidget(parent),

ui(new Ui::Widget)

{

ui->setupUi(this);

setWindowFlags(windowFlags()|Qt::FramelessWindowHint|Qt::WindowTitleHint); //删除 最小化、最大化、关闭按钮

#ifdef CAMERAFLAG

//can 初始化

Can\_Ram\_init();

//摄像头初始化

m\_camerobj.Init(ui->label,NULL,HWE\_PRODUCT\_800X480\_XINYAN);

#endif

timer\_Main = new QTimer(this); //声明一个定时器

timer\_Timeout = new QTimer(this);

timer\_xiaoshiji = new QTimer(); //声明小时计定时器

timer\_shanhua = new QTimer();

timer\_Licheng = new QTimer();//里程

timergzm = new QTimer();//故障码

timergzmTihuan = new QTimer();//故障码替换

ThreeSecondNoChangeTimer = new QTimer();//3秒内无边化 定时器

connect(ThreeSecondNoChangeTimer, SIGNAL(timeout()), this, SLOT(NoChangeFun())); //连接信号槽，定时器超时触发窗体更新

ThreeSecondNoChangeTimer->start(1000);

connect(timer\_Main, SIGNAL(timeout()), this, SLOT(update())); //连接信号槽，定时器超时触发窗体更新

connect(timer\_Timeout,SIGNAL(timeout()),this,SLOT(timeoutfun()));

connect(timergzm, SIGNAL(timeout()), this, SLOT(gzmslottest())); //连接信号槽，定时器超时触发窗体更新

connect(timer\_Licheng,SIGNAL(timeout()),this,SLOT(Licheng()));//里程

connect(timer\_xiaoshiji,SIGNAL(timeout()),this,SLOT(xiaoshiji()));//小时计

connect(timer\_shanhua, SIGNAL(timeout()), this, SLOT(shanhua())); //连接信号槽，定时器超时触发窗体更新

//故障码替换

connect(timergzmTihuan, SIGNAL(timeout()), this, SLOT(gzmTihuanslot())); //连接信号槽，定时器超时触发窗体更新

timer\_Main->start(30); //启动定时器

//设置超时判断

timer\_Timeout->start(1000);

timer\_xiaoshiji->start(1000);//小时计

timer\_Licheng->start(1000);//里程

timergzm->start(1000);//故障码//3000

timer\_shanhua->start(30);

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

//2017.6.12

FlagTimerJiange = new QTimer(this);

connect(FlagTimerJiange, SIGNAL(timeout()), this, SLOT(OneSecondOff()));

FlagTimerJiange->start(1000);

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

//滚动播放 很有用

// m\_timer = new QTimer(this);

// connect(m\_timer, SIGNAL(timeout()), this, SLOT(myscroll()));

//m\_timer->start(300);

timergzmTihuan->start(1000);//故障码替换显示 显示 “ ” 空//3s

//过滤器安装

ui->label\_2->installEventFilter(this);

ui->label\_5->installEventFilter(this);

ui->label\_2->setAttribute(Qt::WA\_PaintOutsidePaintEvent,true);

ui->label\_5->setAttribute(Qt::WA\_PaintOutsidePaintEvent,true);

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

//2017.4.6

//过滤器安装

ui->lineEdit\_23->installEventFilter(this);

ui->lineEdit\_24->installEventFilter(this);

ui->lineEdit\_25->installEventFilter(this);

ui->lineEdit\_26->installEventFilter(this);

ui->lineEdit\_27->installEventFilter(this);

ui->lineEdit\_28->installEventFilter(this);

ui->lineEdit\_29->installEventFilter(this);

ui->lineEdit\_30->installEventFilter(this);

//2017.5.4

ui->lineEdit\_3->installEventFilter(this);

ui->lineEdit\_4->installEventFilter(this);

ui->lineEdit\_5->installEventFilter(this);

ui->lineEdit\_6->installEventFilter(this);

ui->lineEdit\_7->installEventFilter(this);

//2017.4.22 //读取阀值设定数据库

#if 0

if(FaZhiReadOK)

{

//static unsigned char nn = 1;

QTextCodec::setCodecForTr(QTextCodec::codecForLocale());//汉字显示

QSqlDatabase db;

if(QSqlDatabase::contains("qt\_sql\_default\_connection"))

db = QSqlDatabase::database("qt\_sql\_default\_connection");

else

db = QSqlDatabase::addDatabase("QSQLITE");

db.setDatabaseName("jy.db");

if (!db.open())

{

qDebug()<<"open database failed ---"<<db.lastError().text()<<endl;

}

QSqlQuery query;

#if 0

bool ok = query.exec("create table FaZhiBingBD(ZLH INTEGER,XLLH INTEGER,GQLH INTEGER,LmdGTZS INTEGER,LmdFengJi INTEGER,LmdJiaoLong INTEGER,LmdGuoQiao INTEGER)");

if (ok)

{

qDebug()<<"ceate table partition success"<<endl;

}

else

{

qDebug()<<"ceate table partition failed"<<endl;

}

#endif

#if 0

//query.prepare("INSERT INTO FaZhiBingBD(ZLH, XLLH, GQLH,LmdGTZS,LmdFengJi,LmdJiaoLong,LmdGuoQiao) VALUES (:ZLH, :XLLH, :GQLH, :LmdGQZS, :LmdFengJi, :LmdJiaoLong, :LmdGuoQiao)");

query.prepare("update FaZhiBingBD set ZLH = :ZLH,XLLH = :XLLH,GQLH = :GQLH,LmdGQZS = :LmdGQZS,LmdFengJi = :LmdFengJi,LmdJiaoLong = :LmdJiaoLong,LmdGuoQiao = :LmdGuoQiao");//where

query.bindValue(":ZLH",10);

query.bindValue(":XLLH", 11);

query.bindValue(":GQLH", 12);

query.bindValue(":LmdGTZS", 13);

query.bindValue(":LmdFengJi", 14);

query.bindValue(":LmdJiaoLong", 15);

query.bindValue(":LmdGuoQiao", 16);

query.exec();

#endif

query.exec("select ZLH, XLLH, GQLH,LmdGTZS,LmdFengJi,LmdJiaoLong,LmdGuoQiao from FaZhiBingBD");

while (query.next())

{

qDebug()<<"id("<<query.value(0).toInt()<<") name:"<<query.value(1).toString()<<" age:"<<query.value(2).toInt();

tempzlh = query.value(0).toInt();

tempxllh = query.value(1).toInt();

tempgqlh = query.value(2).toInt();

tempgtzs = query.value(3).toInt();

tempfjzs = query.value(4).toInt();

tempjlzs = query.value(5).toInt();

tempgqzs = query.value(6).toInt();

}

query.exec(QObject::tr("drop FaZhiBingBD"));

zlh = tempzlh;

xllh = tempxllh;

gqlh = tempgqlh;

gtzs = tempgtzs;

fjzs = tempfjzs;

jlzs = tempjlzs;

gqzs = tempgqzs;

//FaZhiReadOK = false;

}

#endif

//2017.5.2

//2017.5.2 add wsj

SendReqCmdToController(GUI\_CMD\_CFG\_REQ\_ALL,0);

GetRspDataFromController(&biaoding);

#if 0

//

zlh = biaoding.m\_ZhangJinLi\_And\_Sensitivity[BD\_DATA\_ZhuLiHeZhangJinLi];

xllh = biaoding.m\_ZhangJinLi\_And\_Sensitivity[BD\_DATA\_XieLiangLiHeZhangJinLi];

gqlh = biaoding.m\_ZhangJinLi\_And\_Sensitivity[BD\_DATA\_GuoQiaoLiHeZhangJinLi];

gtzs = biaoding.m\_ZhangJinLi\_And\_Sensitivity[BD\_DATA\_GunTongZhuanSuLinMinDu];

fjzs = biaoding.m\_ZhangJinLi\_And\_Sensitivity[BD\_DATA\_FengJiZhuanSuLinMinDu];

jlzs = biaoding.m\_ZhangJinLi\_And\_Sensitivity[BD\_DATA\_JiaoLongZhuanSuLinMinDu];

gqzs = biaoding.m\_ZhangJinLi\_And\_Sensitivity[BD\_DATA\_GuoQiaoZhuanSuLinMinDu];

qDebug()<<"FAZHIBIAODING..............................."<<endl;

qDebug()<<"zlh = "<<zlh;

qDebug()<<"xllh = "<<xllh;

qDebug()<<"gqlh = "<<gqlh;

qDebug()<<"gtzs = "<<gtzs;

qDebug()<<"fjzs = "<<fjzs;

qDebug()<<"jlzs = "<<jlzs;

qDebug()<<"gqzs = "<<gqzs;

#endif

#if 0

//2017.4.6

//

//主离合

//int zlh = 80;

QString strzlh = QString("%1").arg(zlh);

//卸粮离合

//int xllh = 80;

QString strxllh = QString("%1").arg(xllh);

//过桥离合

//int gqlh = 80;

QString strgqlh = QString("%1").arg(gqlh);

//滚筒

//int gtzs = 80;

QString strgtzs = QString("%1").arg(gtzs);

//风机

//int fjzs = 80;

QString strfjzs = QString("%1").arg(fjzs);

//搅龙

//int jlzs = 80;

QString strjlzs = QString("%1").arg(jlzs);

//过桥

//int gqzs = 80;

QString strgqzs = QString("%1").arg(gqzs);

ui->lineEdit\_23->setText(strzlh);

ui->lineEdit\_24->setText(strgtzs);

ui->lineEdit\_25->setText(strxllh);

ui->lineEdit\_26->setText(strfjzs);

ui->lineEdit\_27->setText(strgqlh);

ui->lineEdit\_28->setText(strjlzs);

ui->lineEdit\_29->setText(strgqzs);

#endif

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

//2017.4.7

//过滤器安装

/\*设置中文显示编码，否则为乱码\*/

QTextCodec::setCodecForCStrings( QTextCodec::codecForName("utf8"));

ui->listWidget\_6->installEventFilter(this);

//标定选择

QListWidgetItem \* BiaoItem1 = new QListWidgetItem;

QListWidgetItem \* BiaoItem2 = new QListWidgetItem;

QListWidgetItem \* BiaoItem3 = new QListWidgetItem;

BiaoItem1->setSizeHint(QSize(30, 52)); //每次改变Item的高度

BiaoItem1->setText("匹配性标定");//

BiaoItem2->setSizeHint(QSize(30, 52)); //每次改变Item的高度

BiaoItem2->setText("阀值标定");//

//2017.5.4

BiaoItem3->setSizeHint(QSize(30, 52)); //每次改变Item的高度

BiaoItem3->setText("收割参数设定");//

ui->listWidget\_6->insertItem(0,BiaoItem1);

ui->listWidget\_6->insertItem(1,BiaoItem2);

ui->listWidget\_6->insertItem(2,BiaoItem3);

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

//过滤器安装

ui->lineEdit->installEventFilter(this);

ui->lineEdit\_2->installEventFilter(this);

ui->dateTimeEdit->installEventFilter(this);

ui->progressBar->installEventFilter(this);

ui->listWidget->installEventFilter(this);

ui->listWidget\_2->installEventFilter(this);

ui->listWidget\_3->installEventFilter(this);

ui->listWidget\_4->installEventFilter(this);

ui->listWidget\_5->installEventFilter(this);

//2017.5.4

ui->listWidget\_7->installEventFilter(this);

//

ui->tableWidget->installEventFilter(this);

ui->tableWidget\_2->installEventFilter(this);

ui->progressBar->setRange(0,100);

ui->progressBar->setValue(0);

// ui->lineEdit->setAutoFillBackground(true);

// ui->lineEdit->setFocusPolicy(Qt::StrongFocus);

// /\*设置中文显示编码，否则为乱码\*/

// QTextCodec::setCodecForCStrings( QTextCodec::codecForName( "utf8"));

//清零 里程 米计

QListWidgetItem \* pItem1 = new QListWidgetItem;

QListWidgetItem \* pItem2 = new QListWidgetItem;

QListWidgetItem \* pItem3 = new QListWidgetItem;

pItem1->setSizeHint(QSize(40, 43)); //每次改变Item的高度

pItem1->setText("单次里程清零");//

pItem2->setSizeHint(QSize(40, 43)); //每次改变Item的高度

pItem2->setText("单次计数器清零");//

pItem3->setSizeHint(QSize(40, 43)); //每次改变Item的高度

pItem3->setText("单次计时器清零");//

ui->listWidget->insertItem(0,pItem1);

ui->listWidget->insertItem(1,pItem2);

ui->listWidget->insertItem(2,pItem3);

//机型选择

QListWidgetItem \* AItem1 = new QListWidgetItem;

QListWidgetItem \* AItem2 = new QListWidgetItem;

//QListWidgetItem \* pItem3 = new QListWidgetItem;

AItem1->setSizeHint(QSize(30, 34)); //每次改变Item的高度

AItem1->setText("整机型号");//

AItem2->setSizeHint(QSize(30, 34)); //每次改变Item的高度

AItem2->setText("发动机品牌");//

ui->listWidget\_2->insertItem(0,AItem1);

ui->listWidget\_2->insertItem(1,AItem2);

//整机型号选择

//机型选择

QListWidgetItem \* SItem1 = new QListWidgetItem;

QListWidgetItem \* SItem2 = new QListWidgetItem;

QListWidgetItem \* SItem3 = new QListWidgetItem;

QListWidgetItem \* SItem4 = new QListWidgetItem;

QListWidgetItem \* SItem5 = new QListWidgetItem;

QListWidgetItem \* SItem6 = new QListWidgetItem;

//QListWidgetItem \* pItem3 = new QListWidgetItem;

SItem1->setSizeHint(QSize(30, 37)); //每次改变Item的高度

SItem1->setText("4YZT-10");//

SItem2->setSizeHint(QSize(30, 37)); //每次改变Item的高度

SItem2->setText("4YZB-4/5/7/8");//

SItem3->setSizeHint(QSize(30, 37)); //每次改变Item的高度

SItem3->setText("4YZB-3A/B");//

SItem4->setSizeHint(QSize(30, 37)); //每次改变Item的高度

SItem4->setText("3JA-3600");//

SItem5->setSizeHint(QSize(30, 37)); //每次改变Item的高度

SItem5->setText("4QZ-2200/2200A");//

SItem6->setSizeHint(QSize(30, 37)); //每次改变Item的高度

SItem6->setText("4MGS-300");//

ui->listWidget\_3->insertItem(0,SItem1);

ui->listWidget\_3->insertItem(1,SItem2);

ui->listWidget\_3->insertItem(2,SItem3);

ui->listWidget\_3->insertItem(3,SItem4);

ui->listWidget\_3->insertItem(4,SItem5);

ui->listWidget\_3->insertItem(5,SItem6);

//2017.5.15

//整机型号选择

//机型选择

QListWidgetItem \* TItem111 = new QListWidgetItem;

QListWidgetItem \* TItem222 = new QListWidgetItem;

QListWidgetItem \* TItem333 = new QListWidgetItem;

QListWidgetItem \* TItem444 = new QListWidgetItem;

QListWidgetItem \* TItem555 = new QListWidgetItem;

QListWidgetItem \* TItem666 = new QListWidgetItem;

QListWidgetItem \* TItem777 = new QListWidgetItem;

QListWidgetItem \* TItem888 = new QListWidgetItem;

//QListWidgetItem \* pItem3 = new QListWidgetItem;

TItem111->setSizeHint(QSize(30, 28)); //每次改变Item的高度

TItem111->setText("玉米");//

TItem222->setSizeHint(QSize(30, 28)); //每次改变Item的高度

TItem222->setText("小麦");//

TItem333->setSizeHint(QSize(30, 28)); //每次改变Item的高度

TItem333->setText("水稻");//

TItem444->setSizeHint(QSize(30, 28)); //每次改变Item的高度

TItem444->setText("大豆");//

TItem555->setSizeHint(QSize(30, 28)); //每次改变Item的高度

TItem555->setText("油菜籽");//

TItem666->setSizeHint(QSize(30, 28)); //每次改变Item的高度

TItem666->setText("大麦");//

TItem777->setSizeHint(QSize(30, 28)); //每次改变Item的高度

TItem777->setText("燕麦");//

TItem888->setSizeHint(QSize(30, 28)); //每次改变Item的高度

TItem888->setText("黑麦");//

ui->listWidget\_7->insertItem(0,TItem111);

ui->listWidget\_7->insertItem(1,TItem222);

ui->listWidget\_7->insertItem(2,TItem333);

ui->listWidget\_7->insertItem(3,TItem444);

ui->listWidget\_7->insertItem(4,TItem555);

ui->listWidget\_7->insertItem(5,TItem666);

ui->listWidget\_7->insertItem(6,TItem777);

ui->listWidget\_7->insertItem(7,TItem888);

//整机型号选择

//机型选择

QListWidgetItem \* TItem1 = new QListWidgetItem;

QListWidgetItem \* TItem2 = new QListWidgetItem;

QListWidgetItem \* TItem3 = new QListWidgetItem;

QListWidgetItem \* TItem4 = new QListWidgetItem;

QListWidgetItem \* TItem5 = new QListWidgetItem;

QListWidgetItem \* TItem6 = new QListWidgetItem;

//QListWidgetItem \* pItem3 = new QListWidgetItem;

TItem1->setSizeHint(QSize(30, 37)); //每次改变Item的高度

TItem1->setText("4YZBT-5");//

TItem2->setSizeHint(QSize(30, 37)); //每次改变Item的高度

TItem2->setText("4YZT-5");//

TItem3->setSizeHint(QSize(30, 37)); //每次改变Item的高度

TItem3->setText("4YZT-7/4LZ-8");//

TItem4->setSizeHint(QSize(30, 37)); //每次改变Item的高度

TItem4->setText("4QZ-3000/3000A");//

TItem5->setSizeHint(QSize(30, 37)); //每次改变Item的高度

TItem5->setText("4YZB-4A/B");//

TItem6->setSizeHint(QSize(30, 37)); //每次改变Item的高度

TItem6->setText("4YZ-3");//

ui->listWidget\_4->insertItem(0,TItem1);

ui->listWidget\_4->insertItem(1,TItem2);

ui->listWidget\_4->insertItem(2,TItem3);

ui->listWidget\_4->insertItem(3,TItem4);

ui->listWidget\_4->insertItem(4,TItem5);

ui->listWidget\_4->insertItem(5,TItem6);

//

//整机型号选择

//机型选择

QListWidgetItem \* UItem1 = new QListWidgetItem;

QListWidgetItem \* UItem2 = new QListWidgetItem;

QListWidgetItem \* UItem3 = new QListWidgetItem;

QListWidgetItem \* UItem4 = new QListWidgetItem;

QListWidgetItem \* UItem5 = new QListWidgetItem;

//QListWidgetItem \* pItem3 = new QListWidgetItem;

UItem1->setSizeHint(QSize(30, 42)); //每次改变Item的高度

UItem1->setText("玉柴");//

UItem2->setSizeHint(QSize(30, 42)); //每次改变Item的高度

UItem2->setText("潍柴");//

UItem3->setSizeHint(QSize(30, 42)); //每次改变Item的高度

UItem3->setText("锡柴");//

UItem4->setSizeHint(QSize(30, 42)); //每次改变Item的高度

UItem4->setText("行发");//

UItem5->setSizeHint(QSize(30, 42)); //每次改变Item的高度

UItem5->setText("东方红");//

ui->listWidget\_5->insertItem(0,UItem1);

ui->listWidget\_5->insertItem(1,UItem2);

ui->listWidget\_5->insertItem(2,UItem3);

ui->listWidget\_5->insertItem(3,UItem4);

ui->listWidget\_5->insertItem(4,UItem5);

//tablewidget

// ui->tableWidget->horizontalHeader()->setResizeMode(QHeaderView::Stretch);

ui->tableWidget->setColumnWidth(1,198);

// QTableWidgetItem \*item0, \*item1;

// item0 = new QTableWidgetItem;

// item1 = new QTableWidgetItem;

// QString txt = QString("%1").arg(6);

// item0->setText(txt);

// QString txt2 = QString("%1").arg(9);

// item1->setText(txt2);

// ui->tableWidget->setItem(0,0,item0);

// ui->tableWidget->setItem(1,0,item1);

ui->tableWidget\_2->setColumnWidth(1,60);

ui->tableWidget\_2->setColumnWidth(2,249);

//2017.4.6

ui->tableWidget\_3->setColumnWidth(0,70);

ui->tableWidget\_3->setColumnWidth(1,74);

ui->tableWidget\_3->setColumnWidth(2,74);

ui->tableWidget\_3->setColumnWidth(3,79);

ui->tableWidget\_3->setColumnWidth(4,79);

ui->tableWidget\_3->setColumnWidth(5,70);

ui->tableWidget\_3->setRowHeight(0,43);

ui->tableWidget\_3->setRowHeight(1,43);

ui->tableWidget\_3->setRowHeight(2,43);

//2017.4.8

//匹配性标定

ui->tableWidget\_3->installEventFilter(this);

//SetXinYanMachineModel( XY\_MODEL\_4JZ\_3600);

//SetXinYanMachineModel(XY\_MODEL\_4YZT\_5);

}

Widget::~Widget()

{

delete ui;

}

void Widget::paintEvent(QPaintEvent \*)

{

//can 接收

Can\_Ram\_Get(&cantest,&ecutest);

QPainter painter(this);

#if 1

QPixmap pix;

//图片选择

switch(flagwidget)

{

case xingZouWidget:

//机型选择

switch(flagmatchion)

{

case YZT\_10:

pix.load("./img/jiemian/YZT\_10.bmp");

ui->label\_5->setStyleSheet("border-image: url(:/new/prefix1/img/icon/shuiwen.png);");

break;

case YZB\_3A\_B:

pix.load("./img/jiemian/YZB\_3A\_B.bmp");

ui->label\_5->setStyleSheet("border-image: url(:/new/prefix1/img/icon/jiyouyali.png);");

break;

case YZB\_4\_5\_7\_8:

pix.load("./img/jiemian/4YZB\_4\_5\_7\_8.bmp");

//切换到YZBHaishan界面小表盘

ui->label\_5->setStyleSheet("border-image: url(:/new/prefix1/img/icon/shuiwen.png);");

break;

//2017.4.2 add

case JZ\_3600:

pix.load("./img/jiemian/JZ\_3600.bmp");

ui->label\_5->setStyleSheet("border-image: url(:/new/prefix1/img/icon/shuiwen.png);");

break;

case YZBT\_5:

pix.load("./img/jiemian/YZBT\_5.bmp");

//切换到YZBHaishan界面小表盘

ui->label\_5->setStyleSheet("border-image: url(:/new/prefix1/img/icon/jiyouyali.png);");

break;

case YZT\_5:

pix.load("./img/jiemian/YZT\_5.bmp");

ui->label\_5->setStyleSheet("border-image: url(:/new/prefix1/img/icon/shuiwen.png);");

break;

case S3000:

pix.load("./img/jiemian/S3000.bmp");

ui->label\_5->setStyleSheet("border-image: url(:/new/prefix1/img/icon/jiyouyali.png);");

break;

case MGS300:

pix.load("./img/jiemian/4MGS\_300.bmp");

ui->label\_5->setStyleSheet("border-image: url(:/new/prefix1/img/icon/shuiwen.png);");

break;

default:

break;

}

break;

case SystemMenu:

pix.load("./img/jiemian/SystemMenu.bmp");

break;

case MainMenu:

pix.load("./img/jiemian/MainMenu.bmp");

break;

case UserMenu:

pix.load("./img/jiemian/UserMenu.bmp");

break;

case MachineModeMenu:

pix.load("./img/jiemian/machineswitch.bmp");

break;

case ClearMenu:

pix.load("./img/jiemian/ClearMenu.bmp");

break;

case HelpMenu:

pix.load("./img/jiemian/HelpMenu.bmp");

break;

case DiagnosisMenu:

pix.load("./img/jiemian/DiagnosisMenu.bmp");

break;

case SwitchMachineMenu:

pix.load("./img/jiemian/SwitchMachineMenu.bmp");

break;

case EngineSwitchMenu:

pix.load("./img/jiemian/EngineSwitchMenu.bmp");

break;

case VideoSetupMenu:

pix.load("./img/jiemian/VideoSetupMenu.bmp");

break;

case PipeixingbiaodingMenu:

pix.load("./img/jiemian/PipeixingbiaodingMenu.bmp");

break;

case FazhibiaodingMenu:

pix.load("./img/jiemian/FazhibiaodingMenu.bmp");

break;

case EngineFault:

pix.load("./img/jiemian/EngineFault.bmp");

break;

case ZhujiFault:

pix.load("./img/jiemian/ZhujiFault.bmp");

break;

case JiQiXinXi:

pix.load("./img/jiemian/JiQiXinXi.bmp");

break;

case BiaoDing:

pix.load("./img/jiemian/BiaoDing.bmp");

break;

case Shaomiao:

pix.load("./img/jiemian/Shaomiao.bmp");

break;

//2017.5.4

case Getai:

pix.load("./img/jiemian/Getai.bmp");//Getai

break;

default:

break;

}

painter.drawPixmap(0,0,800,480,pix);

#endif

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

//2017.1.18

//摄像头 监控画面

#ifdef CAMERAFLAG

#if 1

QTextCodec::setCodecForTr(QTextCodec::codecForLocale());//汉字显示

QSqlDatabase db;

if(QSqlDatabase::contains("qt\_sql\_default\_connection"))

db = QSqlDatabase::database("qt\_sql\_default\_connection");

else

db = QSqlDatabase::addDatabase("QSQLITE");

db.setDatabaseName("jy.db");

if (!db.open())

{

qDebug()<<"open database failed ---"<<db.lastError().text()<<endl;

}

QSqlQuery query;

#if 0

bool ok = query.exec("create table otherflag(item1 INTEGER,item2 INTEGER,item3 INTEGER)");

if (ok)

{

qDebug()<<"ceate table partition success"<<endl;

}

else

{

qDebug()<<"ceate table partition failed"<<endl;

}

#endif

query.prepare("INSERT INTO otherflag(item1, item2, item3) VALUES (:item1, :item2, :item3)");

#if 0

query.prepare("update otherflag set item1 = :item1,item2 = :item2,item3 = :item3");//where

query.bindValue(":item1",0);

query.bindValue(":item2", 11);

query.bindValue(":item3", 66);

query.exec();

#endif

query.exec("select item1, item2, item3 from otherflag");//

while (query.next())

{

//qDebug()<<"item1("<<query.value(0).toInt()<<") item2:"<<query.value(1).toString()<<" item2:"<<query.value(2).toInt();

flagdbvideoCurrent = query.value(0).toInt();

//qDebug()<<""<<endl;

}

query.exec(QObject::tr("drop otherflag"));

//qDebug()<<"flagdbvideoCurrent ...................."<<flagdbvideoCurrent<<endl;

#endif

#if 1

if(flagwidget == xingZouWidget)

{

//if(flagcurrentvideo == AV2)

if(flagdbvideoCurrent == 0)

{

//qDebug()<<"xingZouWidget ............AV2........";

m\_camerobj.Jobs\_Monitor(CAMERA\_AV\_2); /\*作业监控\*///CAMERA\_AV\_3

//

Cfg\_sVideoInputChn(VI\_CHN\_2);/\* 设置预览视频通道\*/

}

//else if(flagcurrentvideo == AV3)

else if(flagdbvideoCurrent == 1)

{

//qDebug()<<"xingZouWidget ............AV3........";

m\_camerobj.Jobs\_Monitor(CAMERA\_AV\_3); /\*作业监控\*///

Cfg\_sVideoInputChn(VI\_CHN\_3);/\* 设置预览视频通道\*/

}

}

//add 2017.3.27

else if(flagwidget == VideoSetupMenu)

{

//if(flagcurrentvideo == AV2)

if(flagdbvideoCurrent == 0)

{

//qDebug()<<"VideoSetupMenu ............AV2........";

m\_camerobj.Jobs\_Monitor(CAMERA\_AV\_2); /\*作业监控\*///CAMERA\_AV\_3

Cfg\_sVideoInputChn(VI\_CHN\_2);/\* 设置预览视频通道\*/

}

//else if(flagcurrentvideo == AV3)

else if(flagdbvideoCurrent == 1)

{

//qDebug()<<"VideoSetupMenu ............AV3........";

m\_camerobj.Jobs\_Monitor(CAMERA\_AV\_3); /\*作业监控\*///

Cfg\_sVideoInputChn(VI\_CHN\_3);/\* 设置预览视频通道\*/

}

}

#endif

#endif

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

#if 1

if(flagwidget == xingZouWidget)

{

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

//

//

//2017.3.11

//读数据库

//语言选择 发动机厂家 机器型号

//

#if 1

QTextCodec::setCodecForTr(QTextCodec::codecForLocale());//汉字显示

QSqlDatabase db;

if(QSqlDatabase::contains("qt\_sql\_default\_connection"))

db = QSqlDatabase::database("qt\_sql\_default\_connection");

else

db = QSqlDatabase::addDatabase("QSQLITE");

db.setDatabaseName("jy.db");

if (!db.open())

{

qDebug()<<"open database failed ---"<<db.lastError().text()<<endl;

}

QSqlQuery query;

query.exec("select cjswitch, engineswitch, langswitch from config");

while (query.next())

{

ConfigArray[0] = query.value(0).toInt();

ConfigArray[1] = query.value(1).toInt();

ConfigArray[2] = query.value(2).toInt();

//qDebug()<<"ConfigArray(0)"<<query.value(0).toInt()<<"ConfigArray[1]:"<<query.value(1).toString()<<"ConfigArray[2]:"<<query.value(2).toInt();

}

query.exec(QObject::tr("drop config"));

#endif

//2017.5.31

switch(ConfigArray[1])

{

case 0:

flagmatchion = YZB\_3A\_B;

ui->label\_19->setText("4YZB-3A/B 4YZB-4A/B");

SetXinYanMachineModel(XY\_MODEL\_4YZB\_3A);

break;

case 1:

flagmatchion = YZT\_10;

ui->label\_19->setText("4YZT-10");

SetXinYanMachineModel(XY\_MODEL\_4YZT\_10);

break;

case 2:

flagmatchion = YZB\_4\_5\_7\_8;

ui->label\_19->setText("4YZB-4/5/7/8");

SetXinYanMachineModel(XY\_MODEL\_4YZB\_4\_5\_7\_8);

break;

case 3:

flagmatchion = JZ\_3600;

ui->label\_19->setText("3JA-3600");

SetXinYanMachineModel(XY\_MODEL\_3JA\_3600);

break;

case 4:

flagmatchion = YZBT\_5;

ui->label\_19->setText("4YZT-5/8");

SetXinYanMachineModel(XY\_MODEL\_4YZBT\_5\_8);

break;

case 5:

flagmatchion = YZT\_5;

ui->label\_19->setText("4YZT-5");

SetXinYanMachineModel(XY\_MODEL\_4YZT\_5);

break;

case 6:

flagmatchion = S3000;

ui->label\_19->setText("S3000/S3000A");

SetXinYanMachineModel(XY\_MODEL\_4QZ\_S3000);

break;

case 7:

flagmatchion = MGS300;

ui->label\_19->setText("S3000/S3000A");

SetXinYanMachineModel(XY\_MODEL\_4QZ\_S3000);

break;

default:

break;

}

#if 0

//机型选择

if(flagmatchion == YZT\_10)

{

//int side = qMin(width(), height()); //绘制的范围(宽、高中最小值)

painter.setRenderHint(QPainter::Antialiasing);//绘制的图像反锯齿

//painter.translate(width() / 2, height() / 2);//重新定位坐标起始点，把坐标原点放到窗体的中央

//painter.translate(405, 184);//重新定位坐标起始点，把坐标原点放到窗体的中央

painter.translate(210, 363);//重新定位坐标起始点，把坐标原点放到窗体的中央

//painter.scale(side / 400.0, side / 300.0);//设定画布的边界,用窗体宽高的最小值来计算时钟的大小，防止窗体拉伸导致的时钟变形以及显示不全

//下面两个数组用来定义表针的两个顶点，以便后面的填充

static const QPoint hourHand[4] = {

QPoint(8, 0),

QPoint(-8,0),

QPoint(-1.5, -160),

QPoint(1.5, -160)

};

static const QPoint minuteHand[4] = {

QPoint(4, 0),

QPoint(-4, 0),

QPoint(-1, -55),

QPoint(1, -55)

};

//油压

painter.setPen(Qt::NoPen);//填充时针，不需要边线所以NoPen

painter.setBrush(Qt::red);

painter.setRenderHint(QPainter::Antialiasing, true);

painter.save();

painter.rotate(-114.5);

painter.rotate(228\*floatnu3);//floatnu1

painter.drawConvexPolygon(minuteHand, 4); //填充分针部分

painter.restore();

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

//2016.6.25 画白圈

painter.setBrush(Qt::black); //画上中心原点/home/vmuser/qtworkplace/chanpin/img2 darkGray

painter.save();

painter.drawEllipse(QPoint(0,0),13,13);

painter.restore();

//画白圈

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

painter.setBrush(Qt::darkGray);//画上中心原点/home/vmuser/qtworkplace/chanpin/img2

painter.save();

painter.drawEllipse(QPoint(0,0),10,10);

painter.restore();

//风机转速

painter.translate(377,1);//重新定位坐标起始点，把坐标原点放到窗体的中央

//painter.scale(side / 400.0, side / 300.0);

painter.setPen(Qt::NoPen);

painter.setBrush(Qt::red);

painter.setRenderHint(QPainter::Antialiasing, true);

painter.save();

//painter.rotate(6.0 \*time.second()); //设旋转(角度 = 6° \* (分钟 + 秒 / 60))

painter.rotate(-114.5);

//painter.rotate(8\*nu3);

painter.rotate(7.6\*nu1);//

//painter.rotate(15.2\*nu1);//

//painter.rotate(4.0 ); //设旋转(角度 = 6° \* (分钟 + 秒 / 60))\*shisu

//内测用

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

//qDebug()<<"time: "<<time.second()<<endl;

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

painter.drawConvexPolygon(minuteHand, 4); //填充分针部分

painter.setRenderHint(QPainter::Antialiasing, true);

painter.restore();

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

//2016.6.25 画白圈

painter.setBrush(Qt::black); //画上中心原点/home/vmuser/qtworkplace/chanpin/img2

painter.save();

painter.drawEllipse(QPoint(0,0),13,13);

painter.restore();

//画白圈

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

painter.setBrush(Qt::darkGray);

painter.save();//画上中心原点

painter.drawEllipse(QPoint(0,0),10,10);

painter.restore();

//KM/H

painter.translate(-187,-35);//重新定位坐标起始点，把坐标原点放到窗体的中央

//painter.scale(side / 400.0, side / 300.0);

painter.setPen(Qt::NoPen);

painter.setBrush(Qt::red);

painter.setRenderHint(QPainter::Antialiasing, true);

painter.save();

//painter.rotate(6.0 \*time.second()); //设旋转(角度 = 6° \* (分钟 + 秒 / 60))

painter.rotate(-114);

painter.rotate(7.6\*nu3);//

//painter.rotate(4.0 ); //设旋转(角度 = 6° \* (分钟 + 秒 / 60))\*shisu

//内测用

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

//qDebug()<<"time: "<<time.second()<<endl;

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

painter.drawConvexPolygon(minuteHand, 4); //填充分针部分

painter.setRenderHint(QPainter::Antialiasing, true);

painter.restore();

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

//2016.6.25 画白圈

painter.setBrush(Qt::black); //画上中心原点/home/vmuser/qtworkplace/chanpin/img2

painter.save();

painter.drawEllipse(QPoint(0,0),13,13);

painter.restore();

//画白圈

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

painter.setBrush(Qt::darkGray);

painter.save();//画上中心原点

painter.drawEllipse(QPoint(0,0),10,10);

painter.restore();

//处理图片闪烁

painter.translate(-390,-226);//平移到左边角

//喂入

QPainter paintShanshuo\_W(this);

QPixmap pixShanshuo\_W;

// pixShanshuo\_W.load("./img/weiruliang/09.png");//07.jpg

// paintShanshuo\_W.drawPixmap(10,110,28,121,pixShanshuo\_W);

//qDebug()<<"cantest.WeiRu\_Vol: "<<cantest.WeiRu\_Vol<<endl;

switch(cantest.WeiRu\_Vol)

{

case 1:

pixShanshuo\_W.load("./img/weiruliang/10.png");//07.jpg

paintShanshuo\_W.drawPixmap(10,110,28,121,pixShanshuo\_W);

break;

case 2:

pixShanshuo\_W.load("./img/weiruliang/09.png");//07.jpg

paintShanshuo\_W.drawPixmap(10,110,28,121,pixShanshuo\_W);

break;

case 3:

pixShanshuo\_W.load("./img/weiruliang/08.png");//07.jpg

paintShanshuo\_W.drawPixmap(10,110,28,121,pixShanshuo\_W);

break;

case 4:

pixShanshuo\_W.load("./img/weiruliang/07.png");//07.jpg

paintShanshuo\_W.drawPixmap(10,110,28,121,pixShanshuo\_W);

break;

case 5:

pixShanshuo\_W.load("./img/weiruliang/06.png");//07.jpg

paintShanshuo\_W.drawPixmap(10,110,28,121,pixShanshuo\_W);

break;

case 6:

pixShanshuo\_W.load("./img/weiruliang/05.png");//07.jpg

paintShanshuo\_W.drawPixmap(10,110,28,121,pixShanshuo\_W);

break;

case 7:

pixShanshuo\_W.load("./img/weiruliang/04.png");//07.jpg

paintShanshuo\_W.drawPixmap(10,110,28,121,pixShanshuo\_W);

break;

case 8:

pixShanshuo\_W.load("./img/weiruliang/03.png");//07.jpg

paintShanshuo\_W.drawPixmap(10,110,28,121,pixShanshuo\_W);

break;

case 9:

pixShanshuo\_W.load("./img/weiruliang/02.png");//07.jpg

paintShanshuo\_W.drawPixmap(10,110,28,121,pixShanshuo\_W);

break;

case 10:

pixShanshuo\_W.load("./img/weiruliang/01.png");//07.jpg

paintShanshuo\_W.drawPixmap(10,110,28,121,pixShanshuo\_W);

break;

}

//粮损

// pixShanshuo\_W.load("./img/liangshun/06.png");//07.jpg

// paintShanshuo\_W.drawPixmap(760,110,27,120,pixShanshuo\_W);

switch(cantest.SaLiangLV)

{

case 1:

pixShanshuo\_W.load("./img/liangshun/06.png");//07.jpg

paintShanshuo\_W.drawPixmap(760,110,27,120,pixShanshuo\_W);

break;

case 2:

pixShanshuo\_W.load("./img/liangshun/05.png");//07.jpg

paintShanshuo\_W.drawPixmap(760,110,27,120,pixShanshuo\_W);

break;

case 3:

pixShanshuo\_W.load("./img/liangshun/04.png");//07.jpg

paintShanshuo\_W.drawPixmap(760,110,27,120,pixShanshuo\_W);

break;

case 4:

pixShanshuo\_W.load("./img/liangshun/03.png");//07.jpg

paintShanshuo\_W.drawPixmap(760,110,27,120,pixShanshuo\_W);

break;

case 5:

pixShanshuo\_W.load("./img/liangshun/02.png");//07.jpg

paintShanshuo\_W.drawPixmap(760,110,27,120,pixShanshuo\_W);

break;

case 6:

pixShanshuo\_W.load("./img/liangshun/01.png");//07.jpg

paintShanshuo\_W.drawPixmap(760,110,27,120,pixShanshuo\_W);

break;

}