IOEX程序设计原理说明。

AlertWnd.xaml

共有4个状态, 保存在app\_config.xml中是全局变量。

1. turnon\_alert: ON 表示启用alert, 与其他alert是与的关系。
2. b\_manual\_reset: OFF 表示超重时，自动放空(empty and release) //包装机怎么处理？
3. b\_stop\_onalert:出现任何错误时都停机
4. b\_show\_alert: 出现错误时，显示错误修正窗口

App.xaml

成员变量:

1. 每个窗口句柄: runwnd, singlewnd, histwnd, helpwnd. Alertwnd, engwnd, pwdwnd, configwnd, bottomwnd, prodwnd (选择产品图片), prodnum（选择产品号）kbdwnd,
2. app\_cfg: global configuration list in app\_config.xml
3. curr\_cfg; current config in app\_cfg list
4. curr\_packer (current selected packer)
5. packers: list of available packer, definition of each packer is in packer\_define0,1,….xml
6. agent: nodes agent
7. bSimulate: whether it is in simulate mode or not
8. oper : operator name

Function:

constructor() : init all the packer and node instance based on configuration, real node search will be done in Logon.xaml

SwitchTo: switch windows

PackerStatus: RUNNING,PAUSED,INERROR,IDLE

PackerConfig: 当前包装配置.( product\_no, desc, target , upper\_var, lower\_var, wnodes (对应的称重斗), vnode（对应的主震）bnode,（包装机斗）

UIPacker:

Nodeagent agent

\_packer\_id (包装机序号) \_packer id is also the group id 0x80 means group0,0x81 means group1.etc.

Vib\_addr, bot\_addr, weight\_nodes . (三种节点地址)

\_NeedRefresh (是否重量已刷新)

Nodes\_config //config dictionary of all nodes

All\_conf, //configuration list of packer

Curr\_cfg, //current packer configuration (internal is \_curr\_cfg)

Packhist, total\_weights, total\_packs, speed, total\_sim\_weights, total\_sim\_packs, sim\_speed

rStart (start date time of the this run)

last\_pack\_weight, last\_one\_pack (最后一次最后的情况)

NodeAgent

bActionMode means it is in action call or in InvalidNodeReg command

ReleaseAction: send release command, send goon command and clear weight