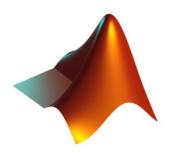
SimAssist

Software callback flow chart



Version 1, 2019.2

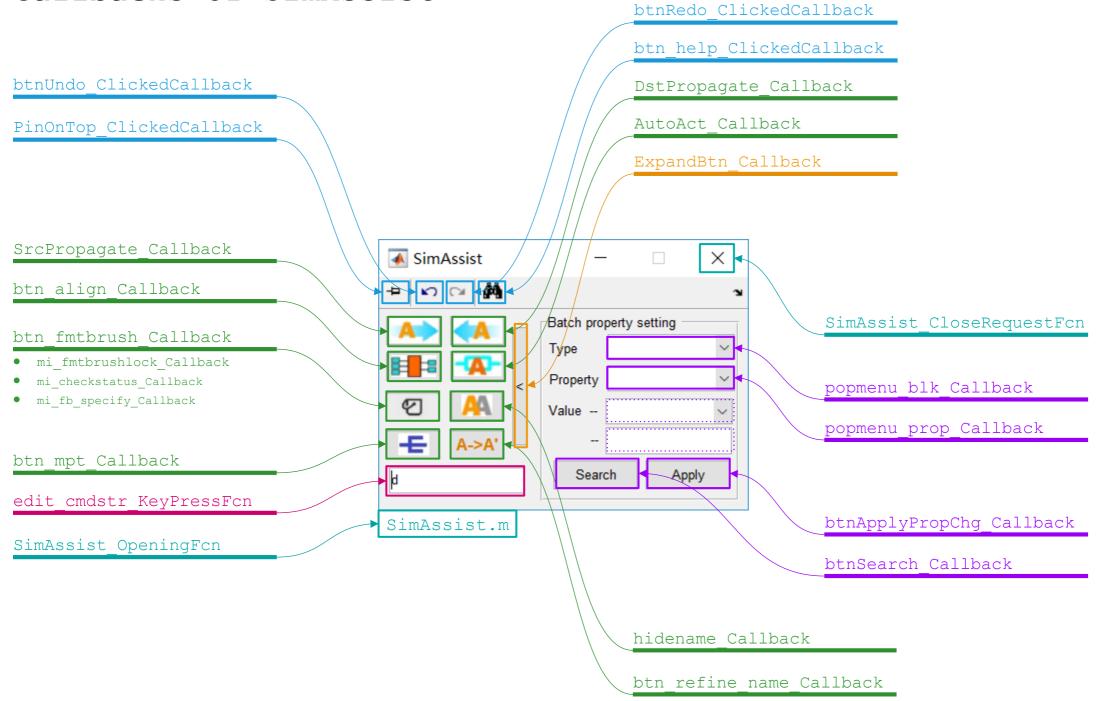
SimAssist Guideline

https://note.youdao.com/ynoteshare1/index.html?id=a417ec0f08651694fb31928168bb010c&type=note#/

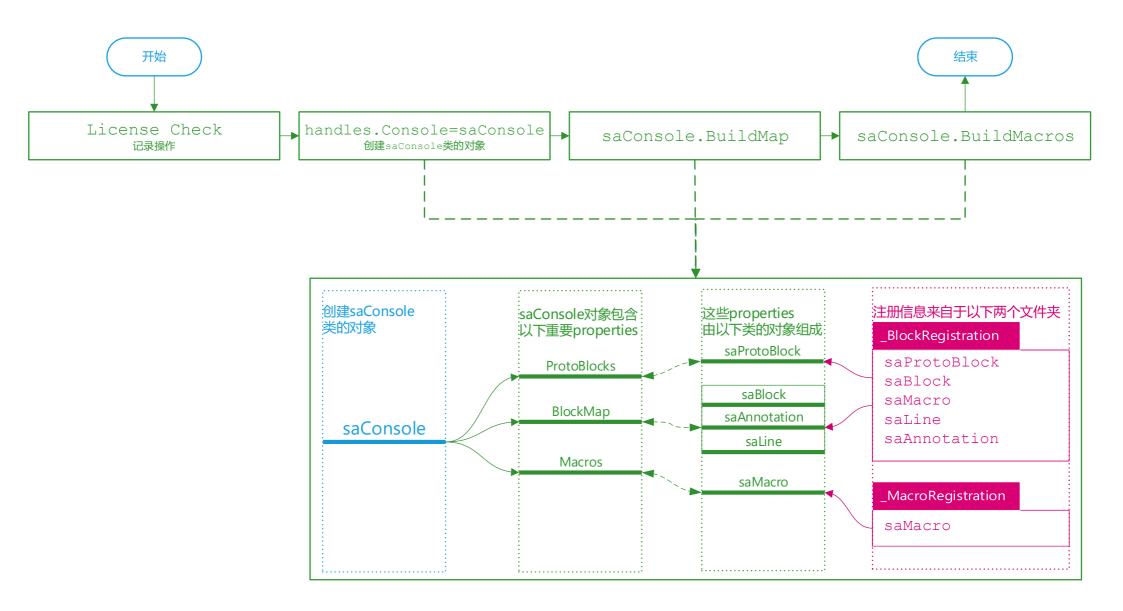
Video Tutorial

http://list.youku.com/albumlist/show?id=27863410&ascending=1&page=1

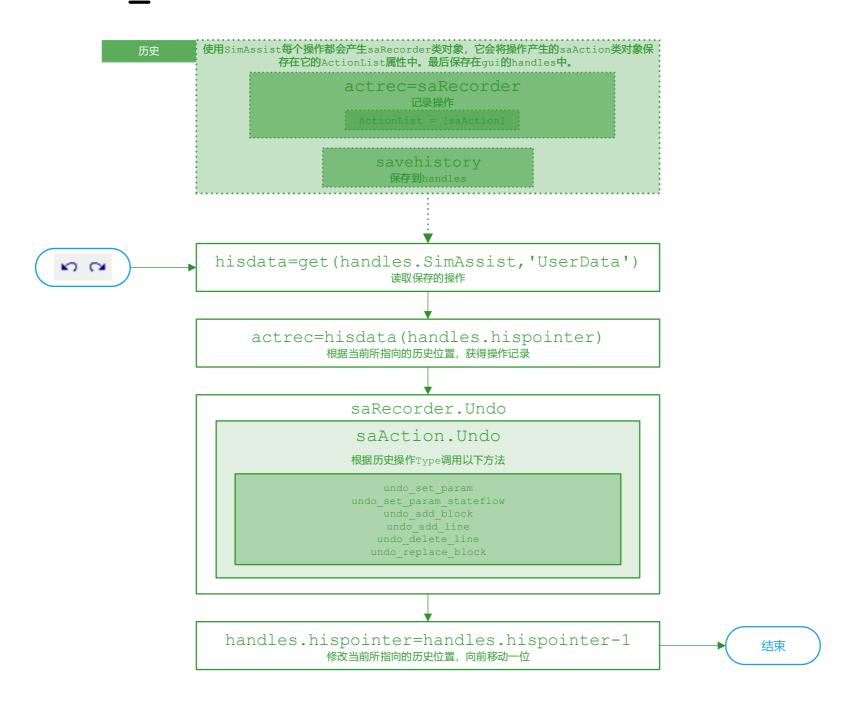
Callbacks of SimAssist



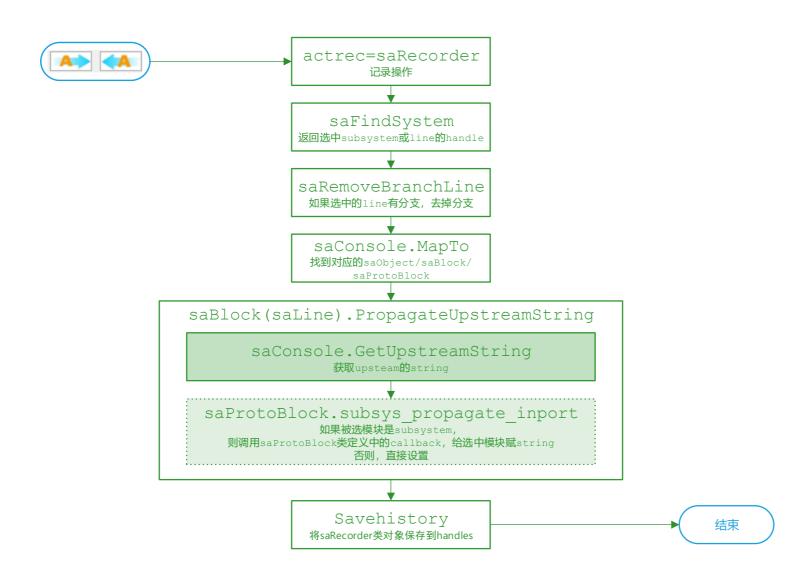
SimAssist_OpeningFcn



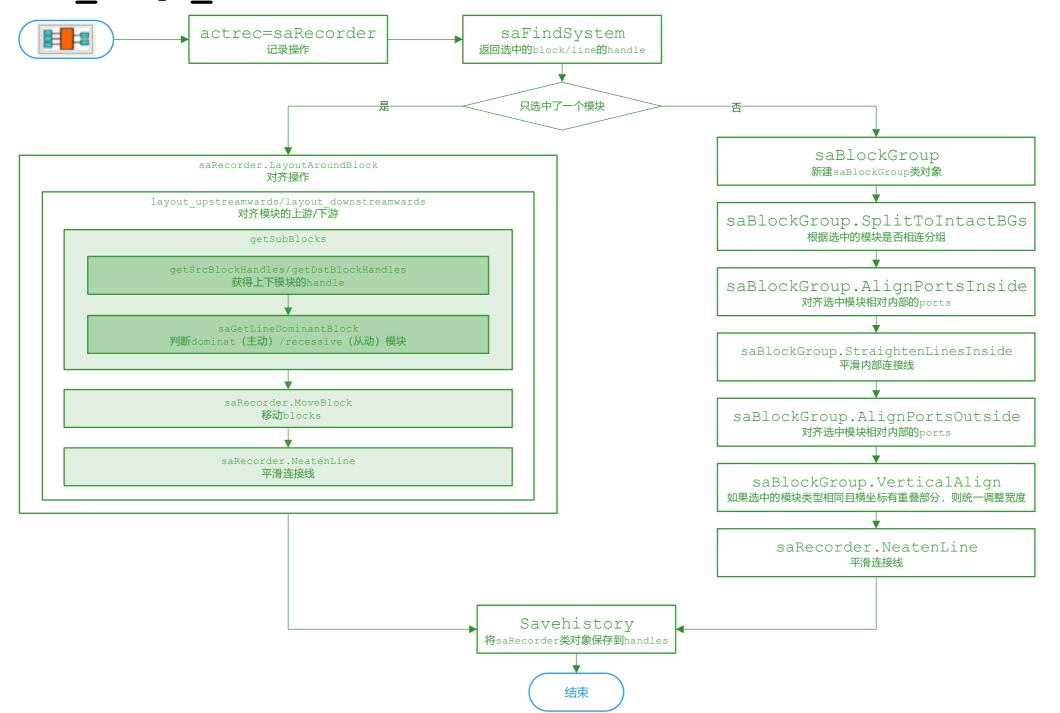
btnUndo(Redo) ClickedCallback



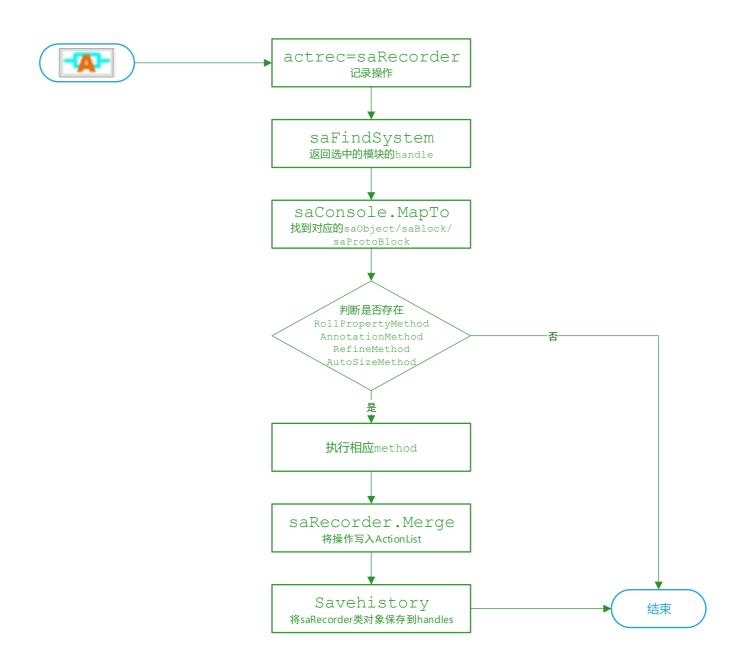
Src(Dst) Propagate_Callback



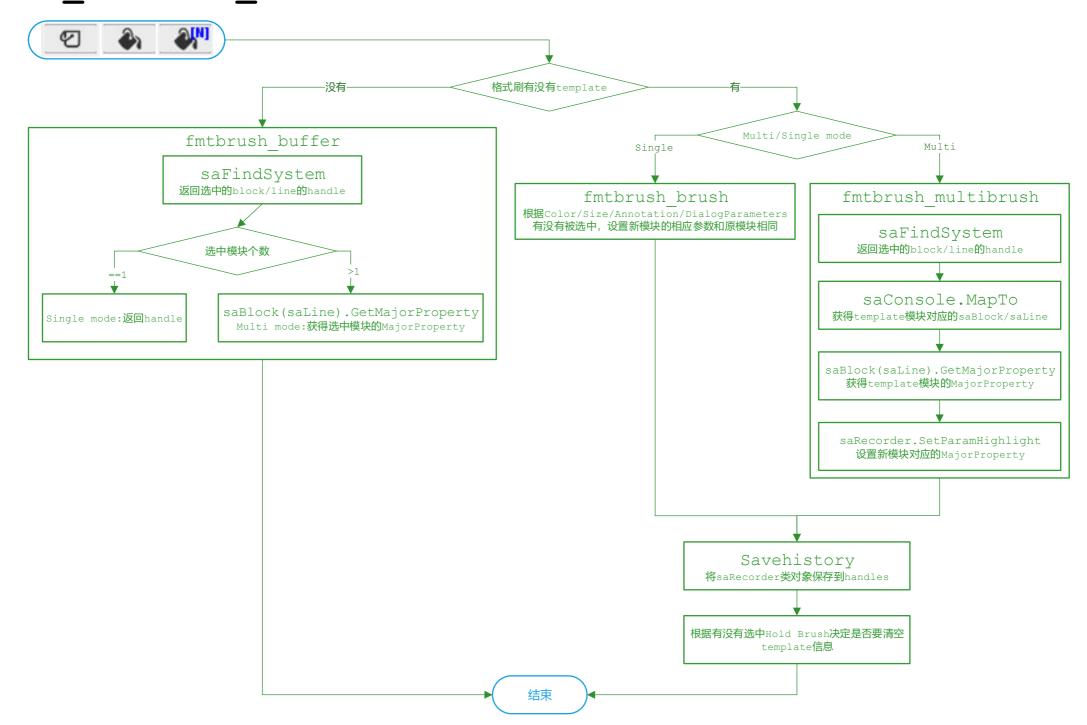
btn align Callback



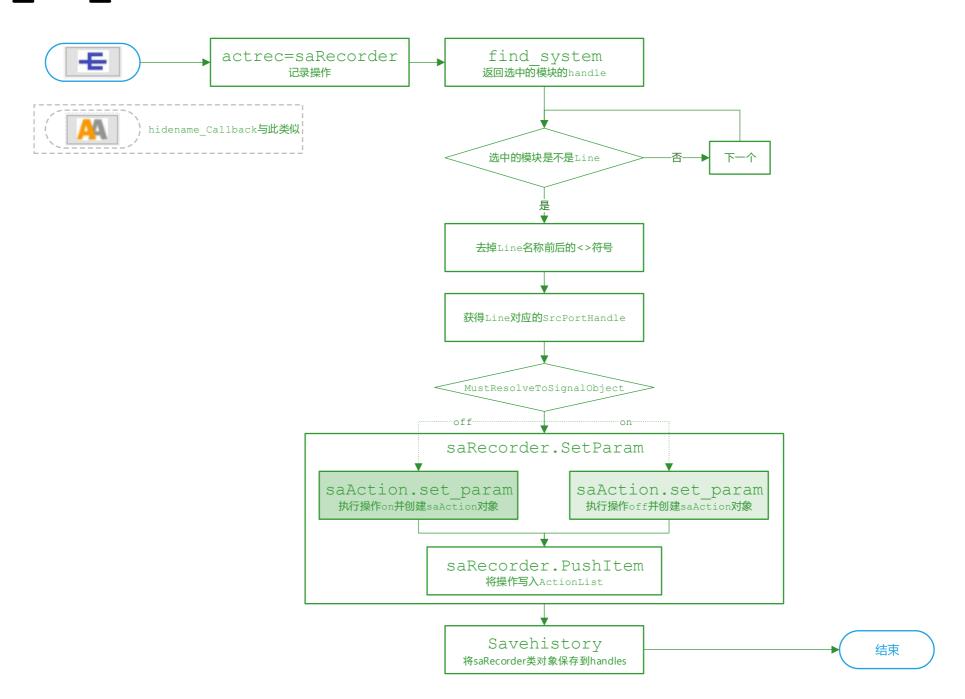
AutoAct_Callback



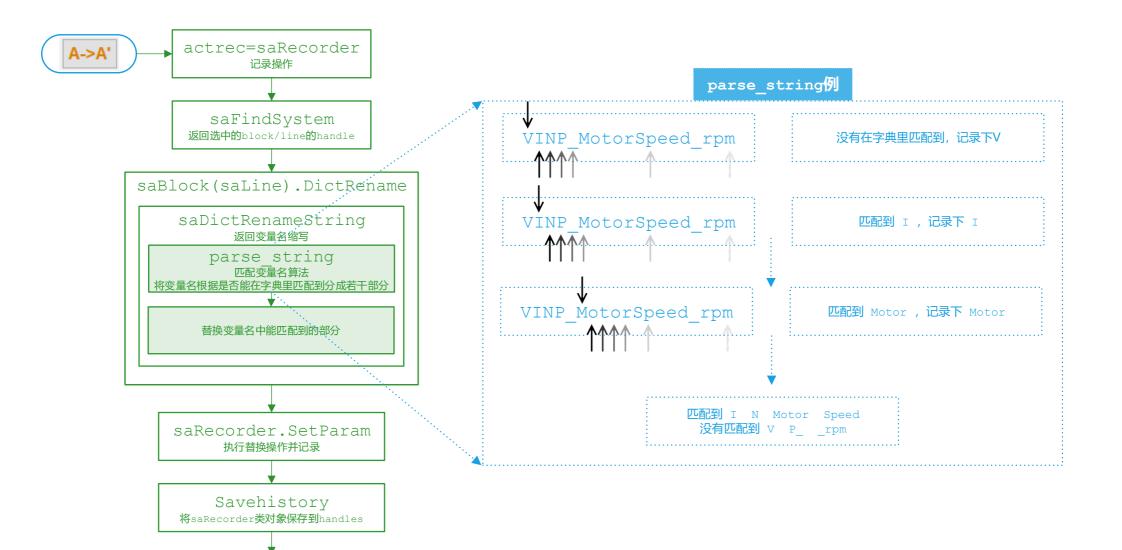
btn fmtbrush Callback



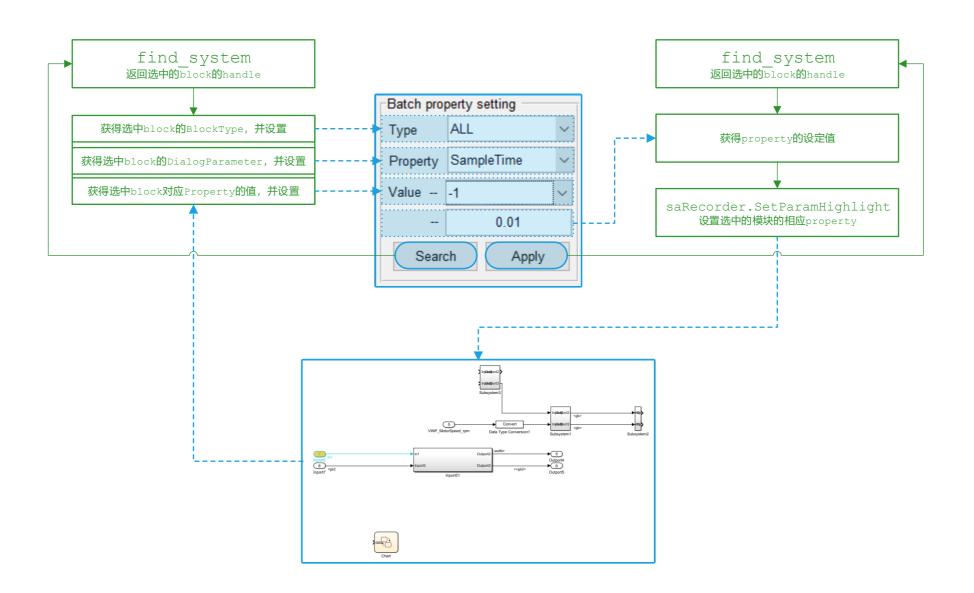
$btn_mpt_Callback/{\tt hidename_Callback}$



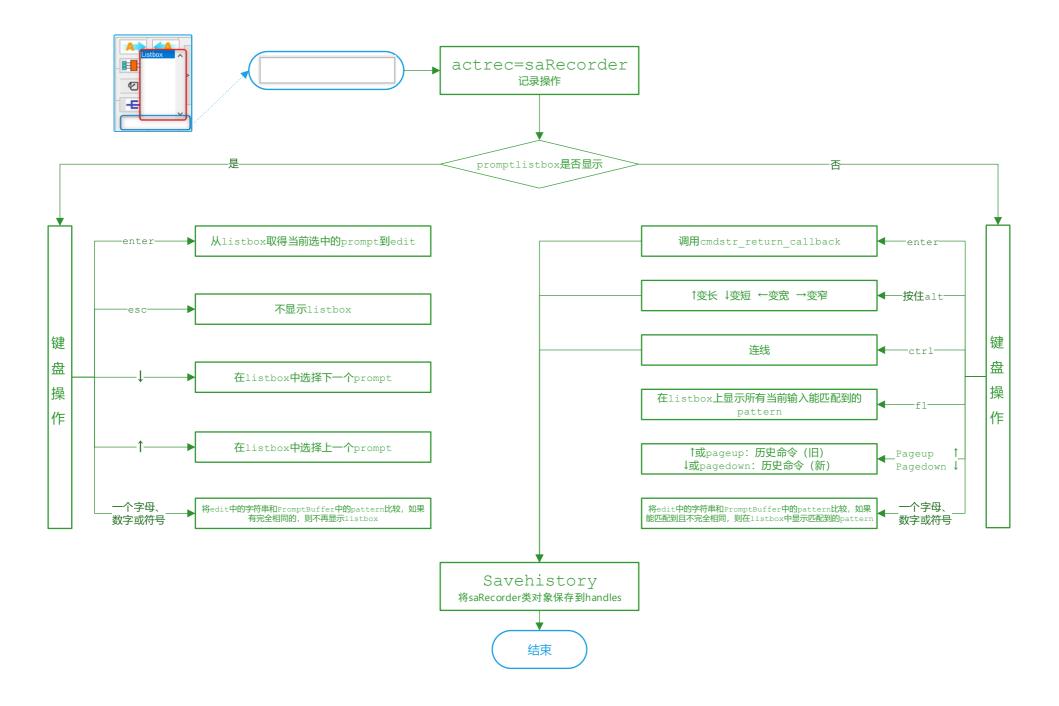
btn refine name Callback



btnSearch_Callback/btnApplyPropChg_Callback



edit_cmdstr_KeyPressFcn



handle dynamicprops saObject Console МарКеу ObjectType saObject isa saLine saProtoBlock MajorProperty ProtoType OutportStringMethod ProtoPriority InportStringMethod ProtoCheckMethod SetPropertyMethod ProtoProperty RoutinePattern Dictionary RoutinePrompts saLine RoutinePriority DictRename RoutineMethod GetMajorProperty RoutinePara PropagateDownstreamString MajorProperty PropagateUpstreamString BroBlockType ReplaceStr CreateBroBlockMethod SetProperty GetBroMethod BlockSize LayoutSize BlockPreferOption PostAddMethod DefaultDataType ConnectPort PropagateUpstreamStringMethod PropagateDownstreamStringMethod BlockType OutportStringMethod InportStringMethod SetPropertyMethod RollPropertyMethod AnnotationMethod RefineMethod DictRenameMethod StrReplaceMethod AutoSizeMethod AlignMethod ColorMethod CleanMethod DataTypeMethod ArrangePortMethod PlusMethod MinusMethod Dictionary

ShowWaitbarThreshold

StrReplaceDefaults

saProtoBlock

AddBlockArray

AddBlockToLine

AddBlockToPort

CreateBroBlock

DictRename

GetBlockSize

GetBroBlocks

Grounds

Minus

Plus

Refine

ReplaceStr

RollProperty

SetDataType

SetProperty

Terminates

analyze datatype override option

CreateRoutineMacro

GenericContextAdd

GetMajorProperty

InsertBlockToLine

PropagateDownstreamString

TemporaryCurrentBlockBased

PropagateUpstreamString

Dispatch DispatchH

AddBlock

Adapt

Align

Check

Clean

Color

Annotate

AutoSize

ArrangePort

saBlock

PropertyList SourcePath DefaultParameters saBlock InitializeProperties Inherit. UseProto CreateMFile GetSourcePath

saAnnotation

MajorProperty SetPropertyMethod Dictionary saAnnotation DictRename ReplaceStr

saConsole

BlockMap

Macros

ProtoBlocks

RunCommand

UIGetPromptList

RunOption SessionPara PromptBuffer Newer saConsole AddCurrentBlockToMap AddMacro AddsaBlock BuildMacros BuildMap Dispatch DispatchH GetDownstreamString GetUpstreamString ImportBlockTypesExcel LibScan МарТо

saRecorder

saMacro

Pattern

Callback

Priority

Console

saMacro

PromptMethod

MatchPattern

Name

Type

Run

Parse

ActionList saRecorder isempty Dummy AddBlock AddLine AddLine LineToNoSrcLine AddLine LineToPort AddLine NoDstLineToNoSrcLine AddLine NoDstLineToPort AddLine PortToNoSrcLine AddLine PortToPort AutoLine DeleteLine FitSize LayoutAroundBlock Merge MoveBlock MultiAutoLine NeatenLine plus PushItem Redo Undo ReplaceBlock SetParam SetParamHighlight StateflowSetParam sa get bind block

dynamicinport majorprop str num majorprop value multiprop num only simple

timerdisplay

timerfcn

GetAdjBlks m2s wrapper s2m wrapper parse string saBusTraceForward SACFG DICTIONARY saDictRenameString saFindBroBlocks saFindSystem saGetBlockClosure saGetBlockMapKey saGetLineDominantBlock saGetMousePosition saGetStringDialogParameter saIsStateflow saLayoutAroundBlock saLineRouteLineToDst saLoadLib saStandardDataTypeStr saOverrideOption saRectifyPos saRemoveBranchLine

Type Handle Property OldValue NewValue Data saAction add block add line set param set param stateflow replace block delete line Undo undo add block undo add line undo set param undo set param stateflow undo replace block undo delete line Redo

saAction

saBlockGroup

Name

redo add block

redo set param

redo replace block

redo delete line

gen unique name

unlock library

CheckLink

redo set param stateflow

redo add line

BlockHandles BlockCount Boundary saBlockGroup AlignPortsInside AlignPortsOutside BGArrayUnion getBGPorts IsMember minus plus Move Select set param SplitToIntactBGs StraightenLinesInside VerticalAlign set pos align

saCmdParser

RawStr

Pattern PatternStr OptionStr saCmdParser ParseInteger ParseSingleValue ParseMultiValues ParseNumericAndString ParseStringAndInteger ParseValuesAndInteger ParseSeqExpr