



Save File Name: E:\Projects\OceanAcidification\DIC analyzer\Software\TCO2_Li7000_v1.31.vee

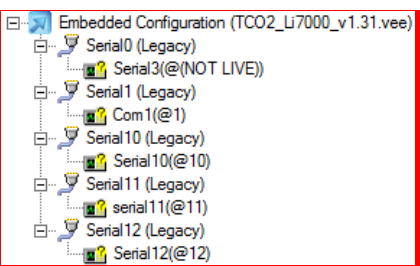
Save File Last Revised: Tue Oct 19 13:04:52 2010

Save File Format: 7.0

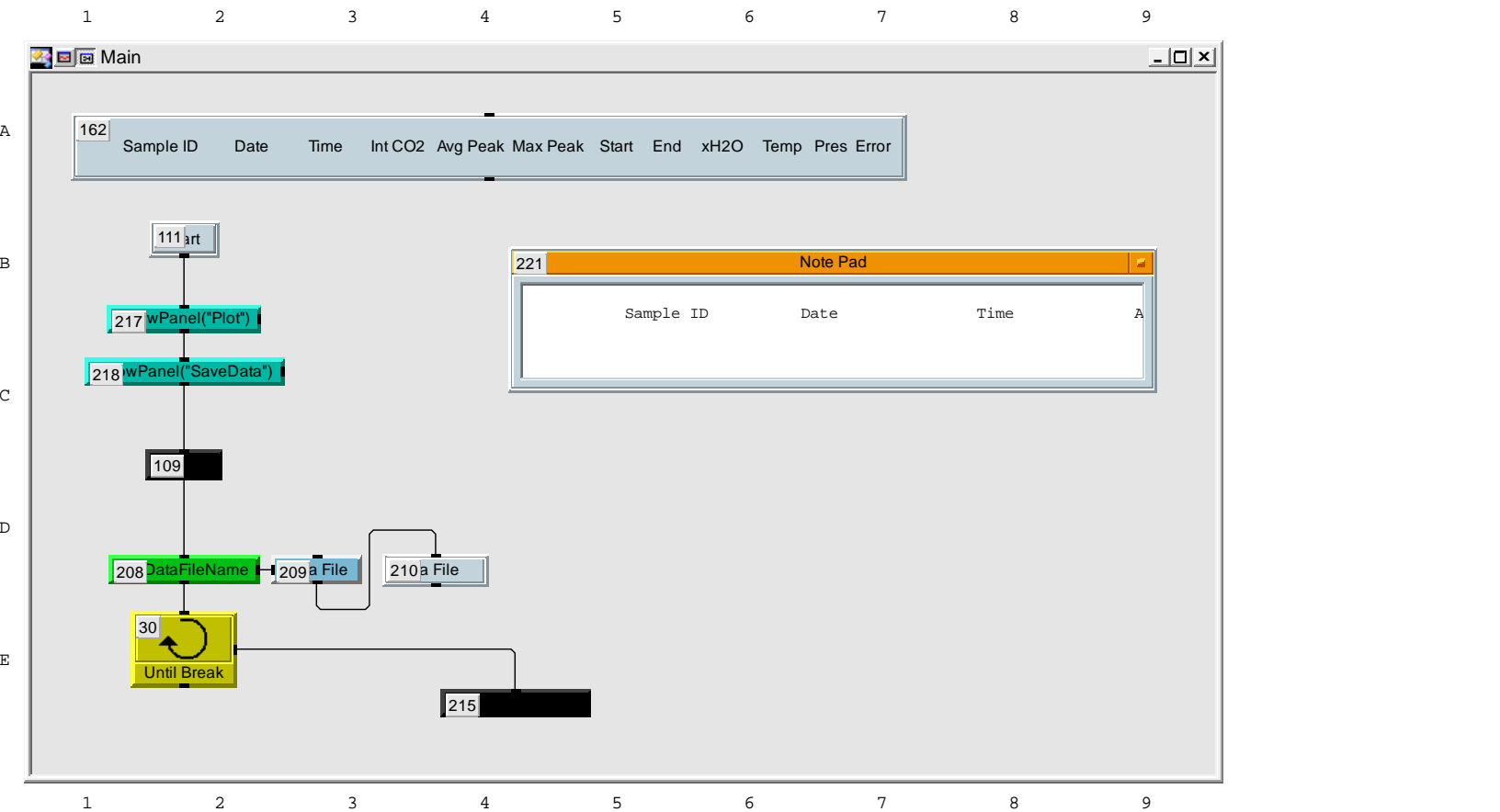
Agilent VEE Pro Revision: 9.2.13522.0

Execution mode: VEE 6 Execution Mode

I/O Configuration



Main (M): Detail View, Total Objects: 11



Main "Main"

30 at: E2 Until Break "Until Break"

ObjectIndex: M.30

Declared Scope: Local to Context

ShowTitleBar: true

ShowTerminals: true

ShowIconTitle: true

109 at: C2 UserObject "Initialize"

111 at: B2 Start "Start"

ObjectIndex: M.111

Declared Scope: Local to Context

ShowTitleBar: false

ShowTerminals: false

ShowIconTitle: true

162 at: A4 Label "

ObjectIndex: M.162

Declared Scope: Local to Context

Label: "Sample IDDateTimeInt CO2Avg PeakMax PeakStartEndxH2OTempPresError"

ShowTitleBar: false

ShowTerminals: false

ShowIconTitle: true

208 at: D2 Get Variable "GetDataFileName"

ObjectIndex: M.208

Declared Scope: Local to Context

Global Name: "DataFile"

ShowTitleBar: true

ShowTerminals: true

ShowIconTitle: true

209 at: D3 AlphaNumeric "Data File" is added to panel

ObjectIndex: M.209

Declared Scope: Local to Context

ShowTitleBar: true

ShowTerminals: false

ShowIconTitle: true

210 at: D4 Label "Data File" is added to panel

ObjectIndex: M.210

Declared Scope: Local to Context

Label: "Data File"

ShowTitleBar: false

ShowTerminals: false

res Error"

r"

```
└─ ShowIconTitle: true
215 at: E4  UserObject "RunTCO2Sample"
217 at: B2  Formula "ShowPanel("Plot")"
└─ ObjectIndex: M.217
└─ Declared Scope: Local to Context
└─ Formula: ShowPanel("Plot", 0, 0, 880, 340)
└─ ShowTitleBar: true
└─ ShowTerminals: true
└─ ShowIconTitle: true
218 at: C2  Formula "ShowPanel("SaveData")"
└─ ObjectIndex: M.218
└─ Declared Scope: Local to Context
└─ Formula: ShowPanel("SaveData", 0, 400)
└─ ShowTitleBar: true
└─ ShowTerminals: true
└─ ShowIconTitle: true
221 at: B7  Note Pad "Note Pad" is added to panel
└─ ObjectIndex: M.221
└─ Declared Scope: Local to Context
└─ Note Contents: 2 lines.
└─
└─
└─ Sample ID      Date      Time      Area      Average      ----- CO2 Peak -----
└─ ShowTitleBar: true
└─ ShowTerminals: false
└─ ShowIconTitle: true
```

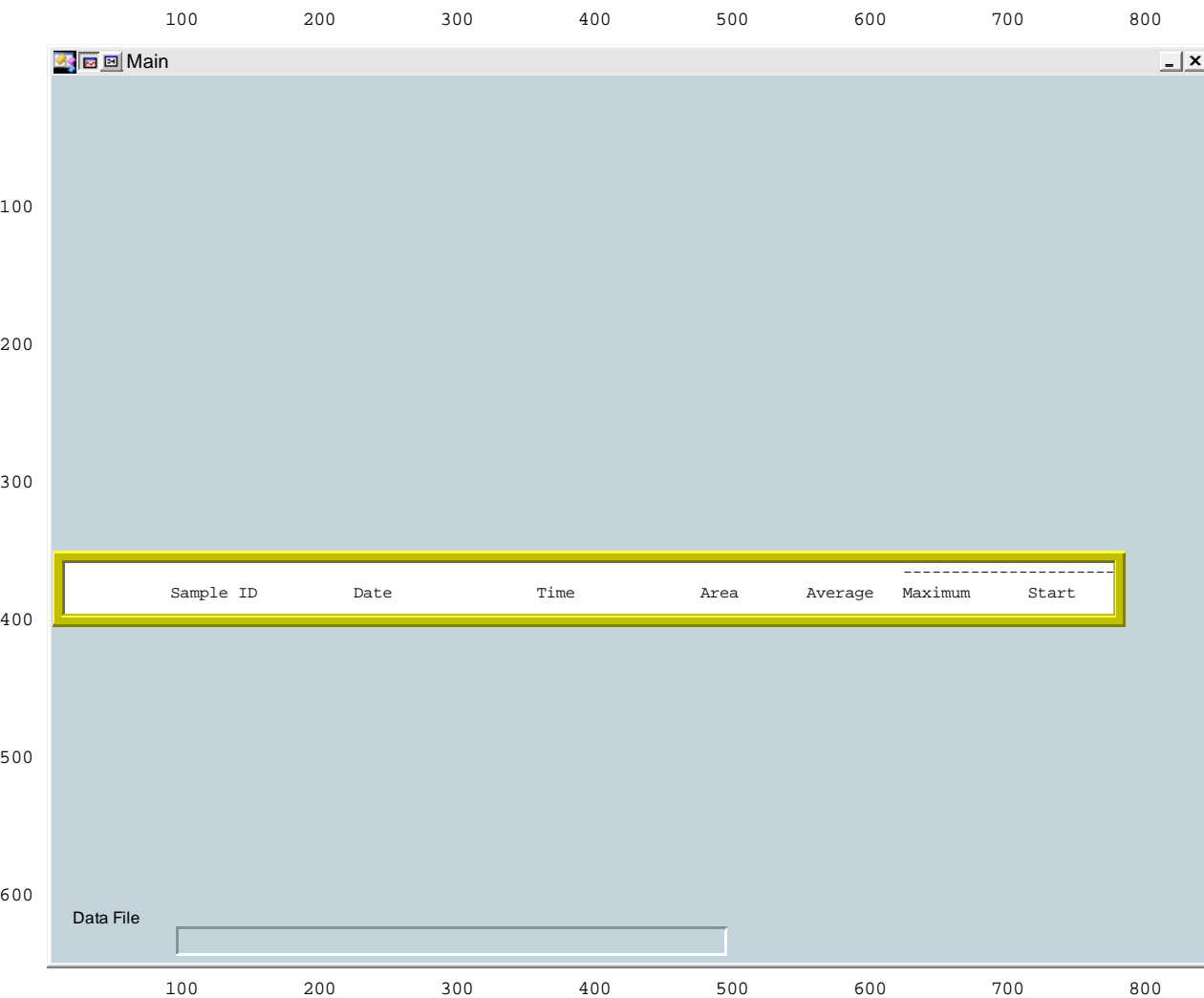
Temp.

Press.

Error

Mon 08/Nov/2010 15:28:39

Main: Panel View



PanelView "Main" (w=841, h=644)

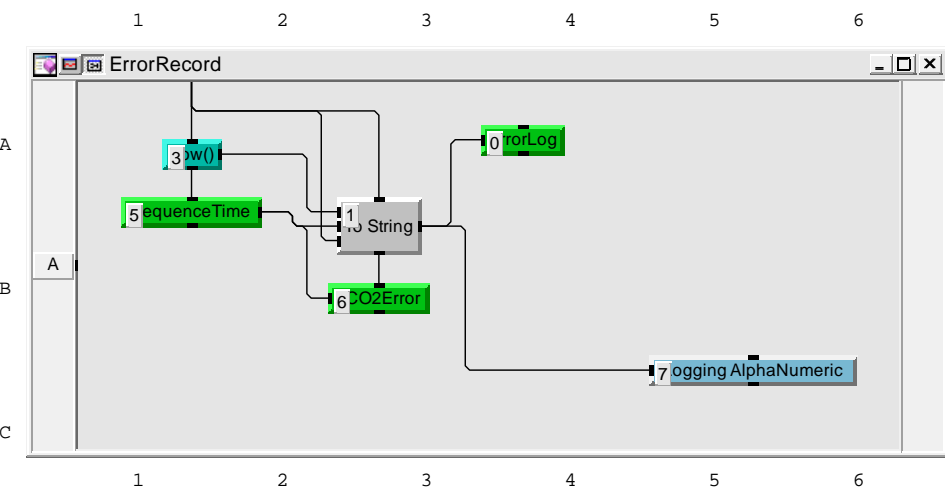
```
210: Label "Data File" (x=10, y=600) (w=70, h=25)
209: AlphaNumeric "Data File" (x=90, y=618) (w=400, h=21)
221: Note Pad "Note Pad" (x=0, y=345) (w=780, h=55)
```

AcidFlush (F19): Detail View, Total Objects: 3

123456789101112131415161718192021222324252627282930313233343536373839404142434445464748495051525354555657585960616263646566676869707172737475767778798081828384858687888990919293949596979899100101102103104105106107108109110111112113114115116117118119120121122123124125126127128129130131132133134135136137138139140141142143144145146147148149150151152153154155156157158159160161162163164165166167168169170171172173174175176177178179180181182183184185186187188189190191192193194195196197198199200201202203204205206207208209210211212213214215216217218219220221222223224225226227228229230231232233234235236237238239240241242243244245246247248249250251252253254255256257258259260261262263264265266267268269270271272273274275276277278279280281282283284285286287288289290291292293294295296297298299300301302303304305306307308309310311312313314315316317318319320321322323324325326327328329330331332333334335336337338339340341342343344345346347348349350351352353354355356357358359360361362363364365366367368369370371372373374375376377378379380381382383384385386387388389390391392393394395396397398399400401402403404405406407408409410411412413414415416417418419420421422423424425426427428429430431432433434435436437438439440441442443444445446447448449450451452453454455456457458459460461462463464465466467468469470471472473474475476477478479480481482483484485486487488489490491492493494495496497498499500501502503504505506507508509510511512513514515516517518519520521522523524525526527528529530531532533534535536537538539540541542543544545546547548549550551552553554555556557558559560561562563564565566567568569570571572573574575576577578579580581582583584585586587588589590591592593594595596597598599600601602603604605606607608609610611612613614615616617618619620621622623624625626627628629630631632633634635636637638639640641642643644645646647648649650651652653654655656657658659660661662663664665666667668669670671672673674675676677678679680681682683684685686687688689690691692693694695696697698699700701702703704705706707708709710711712713714715716717718719720721722723724725726727728729730731732733734735736737738739740741742743744745746747748749750751752753754755756757758759760761762763764765766767768769770771772773774775776777778779780781782783784785786787788789790791792793794795796797798799800801802803804805806807808809810811812813814815816817818819820821822823824825826827828829830831832833834835836837838839840841842843844845846847848849850851852853854855856857858859860861862863864865866867868869870871872873874875876877878879880881882883884885886887888889890891892893894895896897898899900901902903904905906907908909910911912913914915916917918919920921922923924925926927928929930931932933934935936937938939940941942943944945946947948949950951952953954955956957958959960961962963964965966967968969970971972973974975976977978979980981982983984985986987988989990991992993994995996997998999100010011002100310041005100610071008100910101011101210131014101510161017101810191020102110221023102410251026102710281029103010311032103310341035103610371038103910401041104210431044104510461047104810491050105110521053105410551056105710581059106010611062106310641065106610671068106910701071107210731074107510761077107810791080108110821083108410851086108710881089109010911092109310941095109610971098109911001101110211031104110511061107110811091110111111121113111411151116111711181119112011211122112311241125112611271128112911301131113211331134113511361137113811391140114111421143114411451146114711481149115011511152115311541155115611571158115911601161116211631164116511661167116811691170117111721173117411751176117711781179118011811182118311841185118611871188118911901191119211931194119511961197119811991200120112021203120412051206120712081209121012111212121312141215121612171218121912201221122212231224122512261227122812291230123112321233123412351236123712381239124012411242124312441245124612471248124912501251125212531254125512561257125812591260126112621263126412651266126712681269127012711272127312741275127612771278127912801281128212831284128512861287128812891290129112921293129412951296129712981299130013011302130313041305130613071308130913101311131213131314131513161317131813191320132113221323132413251326132713281329133013311332133313341335133613371338133913401341134213431344134513461347134813491350135113521353135413551356135713581359136013611362136313641365136613671368136913701371137213731374137513761377137813791380138113821383138413851386138713881389139013911392139313941395139613971398139914001401140214031404140514061407140814091410141114121413141414151416141714181419142014211422142314241425142614271428142914301431143214331434143514361437143814391440144114421443144414451446144714481449145014511452145314541455145614571458145914601461146214631464146514661467146814691470147114721473147414751476147714781479148014811482148314841485148614871488148914901491149214931494149514961497149814991500150115021503150415051506150715081509151015111512151315141515151615171518151915201521152215231524152515261527152815291530153115321533153415351536153715381539154015411542154315441545154615471548154915501551155215531554155515561557155815591560156115621563156415651566156715681569157015711572157315741575157615771578157915801581158215831584158515861587158815891590159115921593159415951596159715981599160016011602160316041605160616071608160916101611161216131614161516161617161816191620162116221623162416251626162716281629163016311632163316341635163616371638163916401641164216431644164516461647164816491650165116521653165416551656165716581659166016611662166316641665166616671668166916701671167216731674167516761677167816791680168116821683168416851686168716881689169016911692169316941695169616971698169917001701170217031704170517061707170817091710171117121713171417151716171717181719172017211722172317241725172617271728172917301731173217331734173517361737173817391740174117421743174417451746174717481749175017511752175317541755175617571758175917601761176217631764176517661767176817691770177117721773177417751776177717781779178017811782178317841785178617871788178917901791179217931794179517961797179817991800180118021803180418051806180718081809181018111812181318141815181618171818181918201821182218231824182518261827182818291830183118321833183418351836183718381839184018411842184318441845184618471848184918501851185218531854185518561857185818591860186118621863186418651866186718681869187018711872187318741875187618771878187918801881188218831884188518861887188818891890189118921893189418951896189718981899190019011902190319041905190619071908190919101911191219131914191519161917191819191920192119221923192419251926192719281929193019311932193319341935193619371938193919401941194219431944194519461947194819491950195119521953195419551956195719581959196019611962196319641965196619671968196919701971197219731974197519761977197819791980198119821983198419851986198719881989199019911992199319941995199619971998199920002001200220032004200520062007200820092010201120122013201420152016201720182019202020212022202320242025202620272028202920302031203220332034203520362037203820392040204120422043204420452046204720482049205020512052205320542055205620572058205920602061206220632064206520662067206820692070207120722073207420752076207720782079208020812082208320842085208620872088208920902091209220932094209520962097209820992100210121022103210421052106210721082109211021112112211321142115211621172118211921202121212221232124212521262127212821292130213121322133213421352136213721382139214021412142214321442145214621472148214921502151215221532154215521562157215821592160216121622163216421652166216721682169217021712172217321742175217621772178217921802181218221832184218521862187218821892190219121922193219421952196219721982199220022012202220322042205220622072208220922102211221222132214221522162217221822192220222122222223222422252226222722282229223022312232223322342235223622372238223922402241224222432244224522462247224822492250225122522253225422552256225722582259226022612262226322642265226622672268226922702271227222732274227522762277227822792280228122822283228422852286228722882289229022912292229322942295229622972298229923002301230223032304230523062307230823092310231123122313231423152316231723182319232023212322232323242325232623272328232923302331233223332334233523362337233823392340234123422343234423452346234723482349235023512352235323542355235623572358235923602361236223632364236523662367236823692370237123722373237423752376237723782379238023812382238323842385238623872388238923902391239223932394239523962397239823992400240124022403240424052406240724082409241024112412241324142415241624172418241924202421242224232424242524262427242824292430243124322433243424352436243724382439244024412442244324442445244624472448244924502451245224532454245524562457245824592460246124622463246424652466246724682469247024712472247324742475247624772478247924802481248224832484248524862487248824892490249124922493249424952496249724982499250025012502250325042505250625072508250925102511251225132514251525162517251825192520252125222523252425252526252725282529253025312532253325342535253625372538253925402541254225432544254525462547254825492550255125522553255425552556255725582559256025612562256325642565256625672568256925702571257225732574257525762577257825792580258125822583258425852586258725882589259025912592259325942595259625972598259926002601260226032604260526062607260826092610261126122613261426152616261726182619262026212622262326242625262626272628262926302631263226332634263526362637263826392640264126422643264426452646264726482649265026512652265326542655265626572658265926602661266226632664266526662667266826692670267126722673267426752676267726782679268026812682268326842685268626872688268926902691269226932694269526962697269826992700270127022703270427052706270727082709271027112712271327142715271627172718271927202721272227232724272527262727272827292730273127322733273427352736273727382739274027412742274327442745274627472748274927502751275227532754275527562757275827592760276127622763276427652766276727682769277027712772277327742775277627772778277927802781278227832784278527862787278827892790279127922793279427952796279727982799280028012802280328042805280628072808280928102811281228132814281528162817281828192820282128222823282428252826282728282829283028312832283328342835283628372838283928402841284228432844284528462847284828492850285128522853285428552856285728582859286028612862286328642865286628672868286928702871287228732874287528762877287828792880288128822883288428852886288728882889289028912892289328942895289628972898289929002901290229032904290529062907290829092910291129122913291429152916291729182919292029212922292329242925292629272928292929302931293229332934293529362937293829392940294129422943294429452946294729482949295029512952295329542955295629572958295929602961296229632964296529662967296829692970297129722973297429752976297729782979298029812982298329842985298629872988298929902991299229932994299529962997299829993000300130023003300430053006300730083009301030113012301330143015301630173018301930203021302230233024302530263027302830293030303130323033303430353036303730383039304030413042304330443045304630473048304930503051305230533054305530563057305830593060306130623063306430653066306730683069307030713072307330743075307630773078307930803081308230833084308530863087308830893090309130923093309430953096309730983099310031013102310331043105310631073108310931103111311231133114311531163117311831193120312131223123312431253126312731283129313031313132313331343135313631373138313931403141314231433144314531463147314831493150315131523153315431553156315731583159316031613162316331643165316631673168316931703171317231733174317531763177317831793180318131823183318431853186318731883189319031913192319331943195319631973198319932003201320232033204320532063207320832093210321132123213321432153216321732183219322032213222322332234322532263227322832293230323132323233323432353236323732383239324032413242324332443245324632473248324932503251325232533254325532563257325832593260326132623263326432653266326732683269327032713272327332743275327632773278327932803281328232833284328532863287328832893290329132923293329432953296329732983299330033013302330333043305330633073308330933103311331233133314331533163317331833193320332133223323332433253326332733283329333033

Mon 08/Nov/2010 15:28:39

ErrorRecord (F18): Detail View, Total Objects: 6

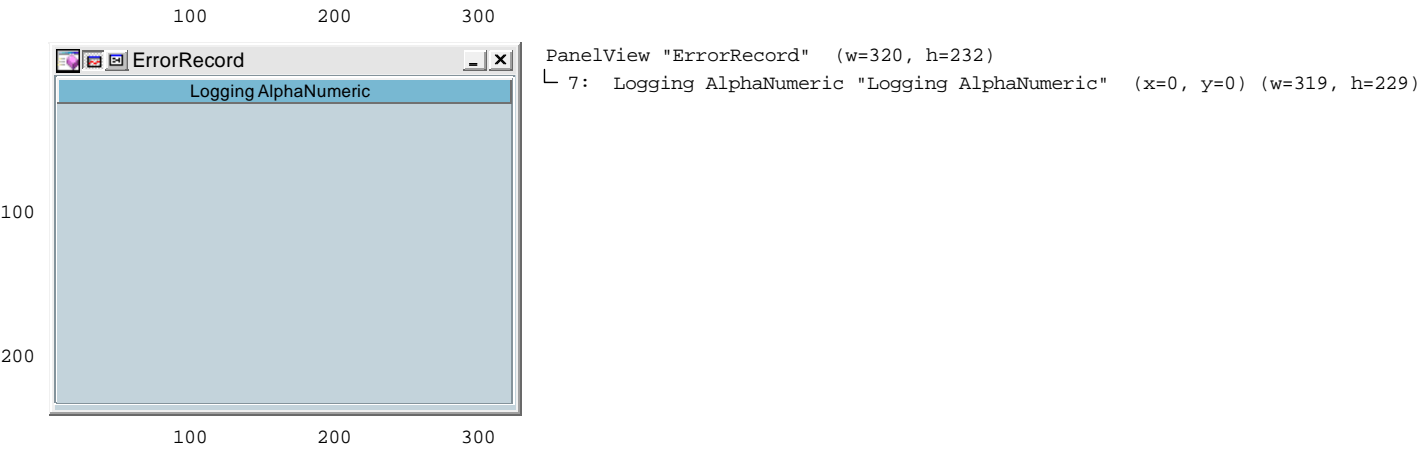


```

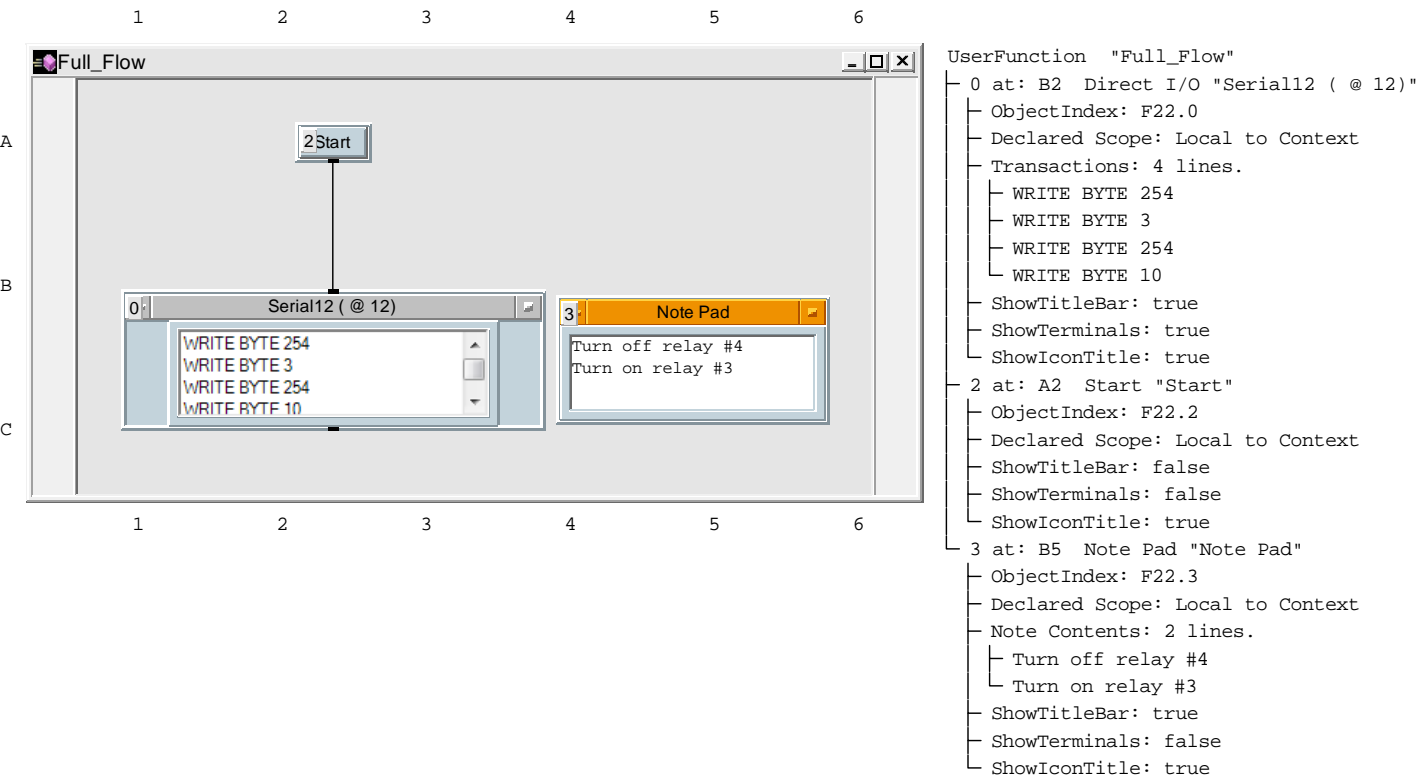
UserFunction "ErrorRecord"
0 at: A4 Set Variable "ErrorLog"
  ObjectIndex: F18.0
  Declared Scope: Local to Context
  Global Name: "ErrorLog"
  ShowTitleBar: true
  ShowTerminals: true
  ShowIconTitle: true
1 at: A3 To String "To String"
  ObjectIndex: F18.1
  Declared Scope: Local to Context
  Transactions: 5 lines.
    WRITE TEXT a DATE:DMY TIME:HMS:H24
    WRITE TEXT " , " STR
    WRITE TEXT b
    WRITE TEXT " , " STR
    WRITE TEXT c EOL
  MultiFieldFormat: (...) Syntax
  ArrayFormat: Block
  ArraySeparator: " "
  ShowTitleBar: true
  ShowTerminals: true
  ShowIconTitle: true
3 at: A1 Formula "now()"
  ObjectIndex: F18.3
  Declared Scope: Local to Context
  Formula: now()
  ShowTitleBar: true
  ShowTerminals: true
  ShowIconTitle: true
5 at: A1 Get Variable "SequenceTime"
  ObjectIndex: F18.5
  Declared Scope: Local to Context
  Global Name: "SequenceTime"
  ShowTitleBar: true
  ShowTerminals: true
  ShowIconTitle: true
6 at: B3 Set Variable "TCO2Error"
  ObjectIndex: F18.6
  Declared Scope: Local to Context
  Global Name: "TCO2Error"
  ShowTitleBar: true
  ShowTerminals: true
  ShowIconTitle: true
7 at: B5 Logging AlphaNumeric "Logging AlphaNumeric" is added to panel
  ObjectIndex: F18.7
  Declared Scope: Local to Context
  Buffer Size: 256
  ShowTitleBar: true
  ShowTerminals: false
  ShowIconTitle: true

```


ErrorRecord: Panel View

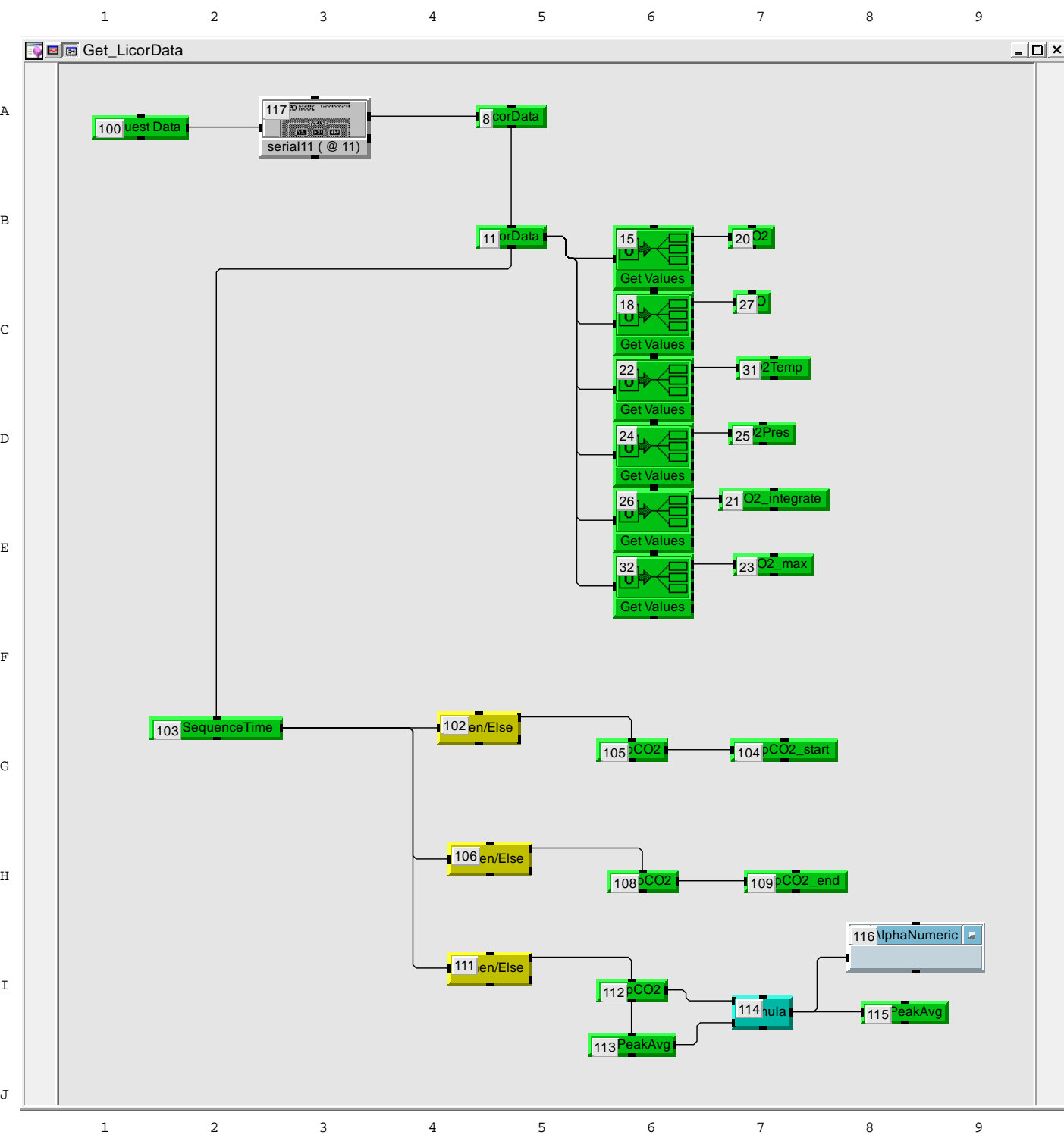


Full_Flow (F22): Detail View, Total Objects: 3



Mon 08/Nov/2010 15:28:39

Get_LicorData (F14): Detail View, Total Objects: 29



```

UserFunction "Get_LicorData"
- 8 at: A5 Set Variable "LicorData"
  | ObjectIndex: F14.8
  | Declared Scope: Local to Context
  | Global Name: "LicorData"
  | ShowTitleBar: true
  | ShowTerminals: true
  | ShowIconTitle: true
- 11 at: B5 Get Variable "LicorData"
  | ObjectIndex: F14.11
  | Declared Scope: Local to Context
  | Global Name: "LicorData"
  | ShowTitleBar: true
  | ShowTerminals: true
  | ShowIconTitle: true
- 15 at: B6 Get Values "Get Values"
  | ObjectIndex: F14.15
  | Declared Scope: Local to Context

```

Mon 08/Nov/2010 15:28:39

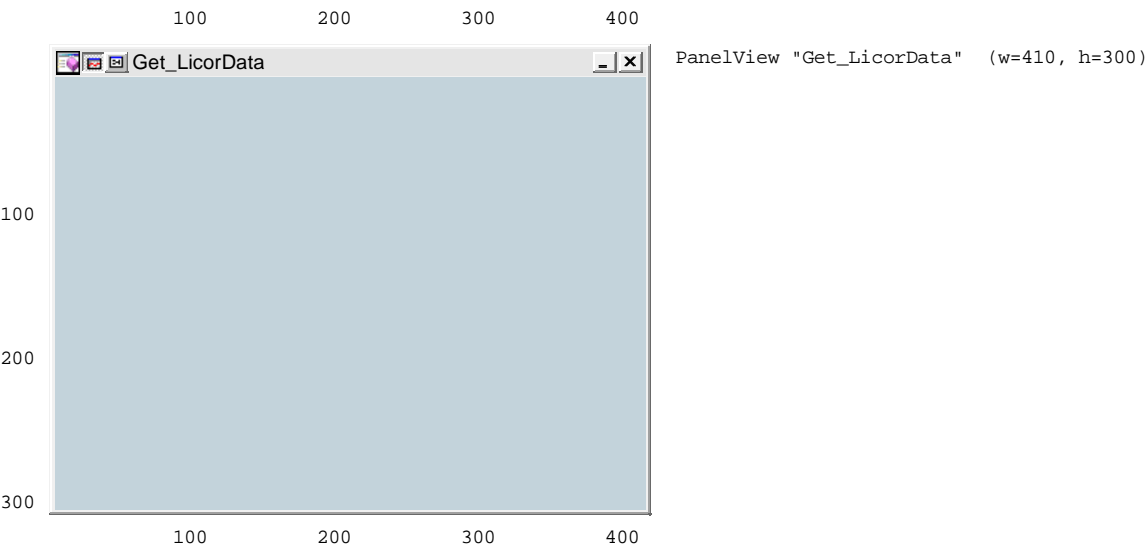
```
-
| Formula: Ary[1]
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
- 18 at: C6  Get Values "Get Values"
| ObjectIndex: F14.18
| Declared Scope: Local to Context
| Formula: Ary[2]
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
- 20 at: B7  Set Variable "pCO2"
| ObjectIndex: F14.20
| Declared Scope: Local to Context
| Global Name: "pCO2"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
- 21 at: D7  Set Variable "pCO2_integrate"
| ObjectIndex: F14.21
| Declared Scope: Local to Context
| Global Name: "pCO2_integrate"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
- 22 at: C6  Get Values "Get Values"
| ObjectIndex: F14.22
| Declared Scope: Local to Context
| Formula: Ary[6]
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
- 23 at: E7  Set Variable "pCO2_max"
| ObjectIndex: F14.23
| Declared Scope: Local to Context
| Global Name: "pCO2_max"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
- 24 at: D6  Get Values "Get Values"
| ObjectIndex: F14.24
| Declared Scope: Local to Context
| Formula: Ary[5]
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
- 25 at: D7  Set Variable "CO2Pres"
| ObjectIndex: F14.25
| Declared Scope: Local to Context
| Global Name: "CO2Pres"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
- 26 at: E6  Get Values "Get Values"
| ObjectIndex: F14.26
| Declared Scope: Local to Context
| Formula: Ary[3]
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
- 27 at: C7  Set Variable "H2O"
| ObjectIndex: F14.27
| Declared Scope: Local to Context
| Global Name: "H2O"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
- 31 at: C7  Set Variable "CO2Temp"
| ObjectIndex: F14.31
| Declared Scope: Local to Context
| Global Name: "CO2Temp"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
```

Mon 08/Nov/2010 15:28:39

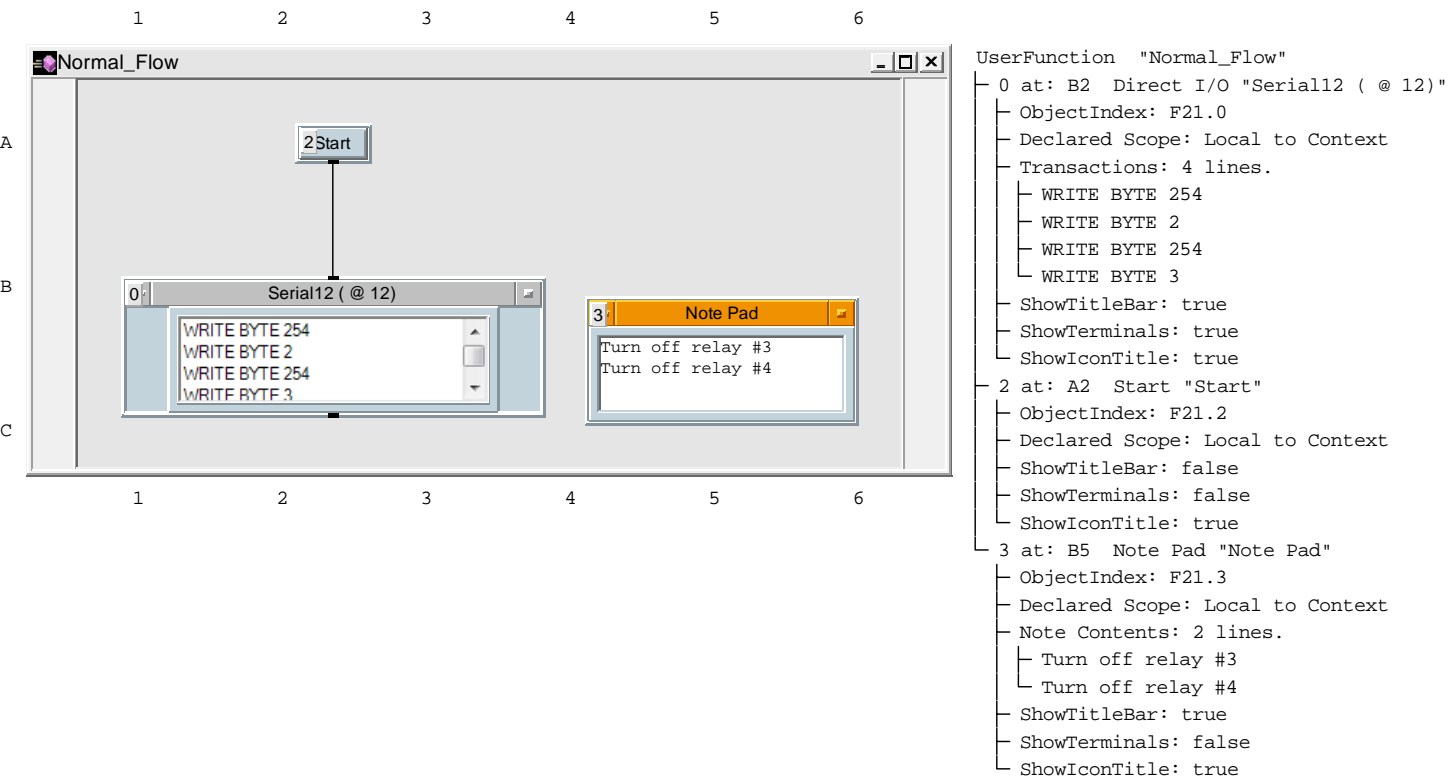
```
- 32 at: E6  Get Values "Get Values"
| ObjectIndex: F14.32
| Declared Scope: Local to Context
| Formula: Ary[4]
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
- 100 at: A1  Text Constant "Request Data"
| ObjectIndex: F14.100
| Declared Scope: Local to Context
| DataShape: Scalar
| ArraySize: 10
| EnableEditing: true
| ShowTitleBar: true
| ShowTerminals: false
| ShowIconTitle: true
- 102 at: G4  If/Then/Else "If/Then/Else"
| ObjectIndex: F14.102
| Declared Scope: Local to Context
| If/Else cases: A==75
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
- 103 at: G2  Get Variable "Get SequenceTime"
| ObjectIndex: F14.103
| Declared Scope: Local to Context
| Global Name: "SequenceTime"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
- 104 at: G7  Set Variable "Set pCO2_start"
| ObjectIndex: F14.104
| Declared Scope: Local to Context
| Global Name: "pCO2_start"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
- 105 at: G6  Get Variable "Get pCO2"
| ObjectIndex: F14.105
| Declared Scope: Local to Context
| Global Name: "pCO2"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
- 106 at: H4  If/Then/Else "If/Then/Else"
| ObjectIndex: F14.106
| Declared Scope: Local to Context
| If/Else cases: A==159
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
- 108 at: H6  Get Variable "Get pCO2"
| ObjectIndex: F14.108
| Declared Scope: Local to Context
| Global Name: "pCO2"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
- 109 at: H7  Set Variable "Set pCO2_end"
| ObjectIndex: F14.109
| Declared Scope: Local to Context
| Global Name: "pCO2_end"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
- 111 at: I4  If/Then/Else "If/Then/Else"
| ObjectIndex: F14.111
| Declared Scope: Local to Context
| If/Else cases: 75<A AND A<159
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
- 112 at: I6  Get Variable "Get pCO2"
| ObjectIndex: F14.112
```

```
| Declared Scope: Local to Context
| Global Name: "pCO2"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
113 at: I6  Get Variable "Get PeakAvg"
| ObjectIndex: F14.113
| Declared Scope: Local to Context
| Global Name: "PeakAvg"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
114 at: I7  Formula "Formula"
| ObjectIndex: F14.114
| Declared Scope: Local to Context
| Formula: A+B
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
115 at: I8  Set Variable "Set PeakAvg"
| ObjectIndex: F14.115
| Declared Scope: Local to Context
| Global Name: "PeakAvg"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
116 at: I8  AlphaNumeric "AlphaNumeric"
| ObjectIndex: F14.116
| Declared Scope: Local to Context
| ShowTitleBar: true
| ShowTerminals: false
| ShowIconTitle: true
117 at: A3  Direct I/O "serial11 ( @ 11)"
| ObjectIndex: F14.117
| Declared Scope: Local to Context
| Transactions: 3 lines.
|   WRITE TEXT a STR EOL
|   READ TEXT y STR
|   READ TEXT x REAL64 ARRAY:7
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
```

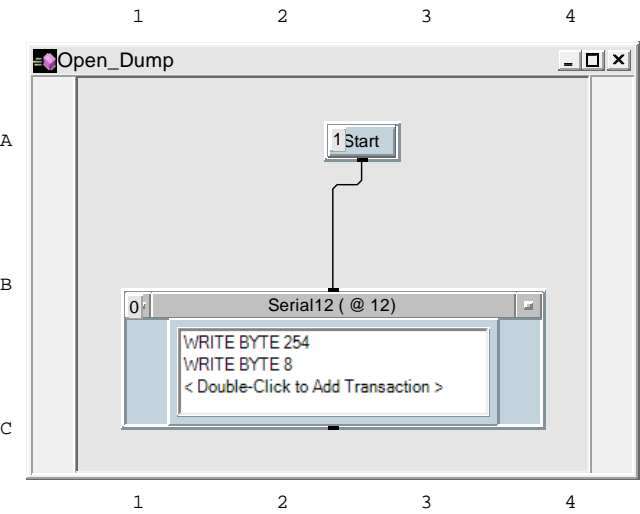
Get_LicorData: Panel View



Normal_Flow (F21): Detail View, Total Objects: 3

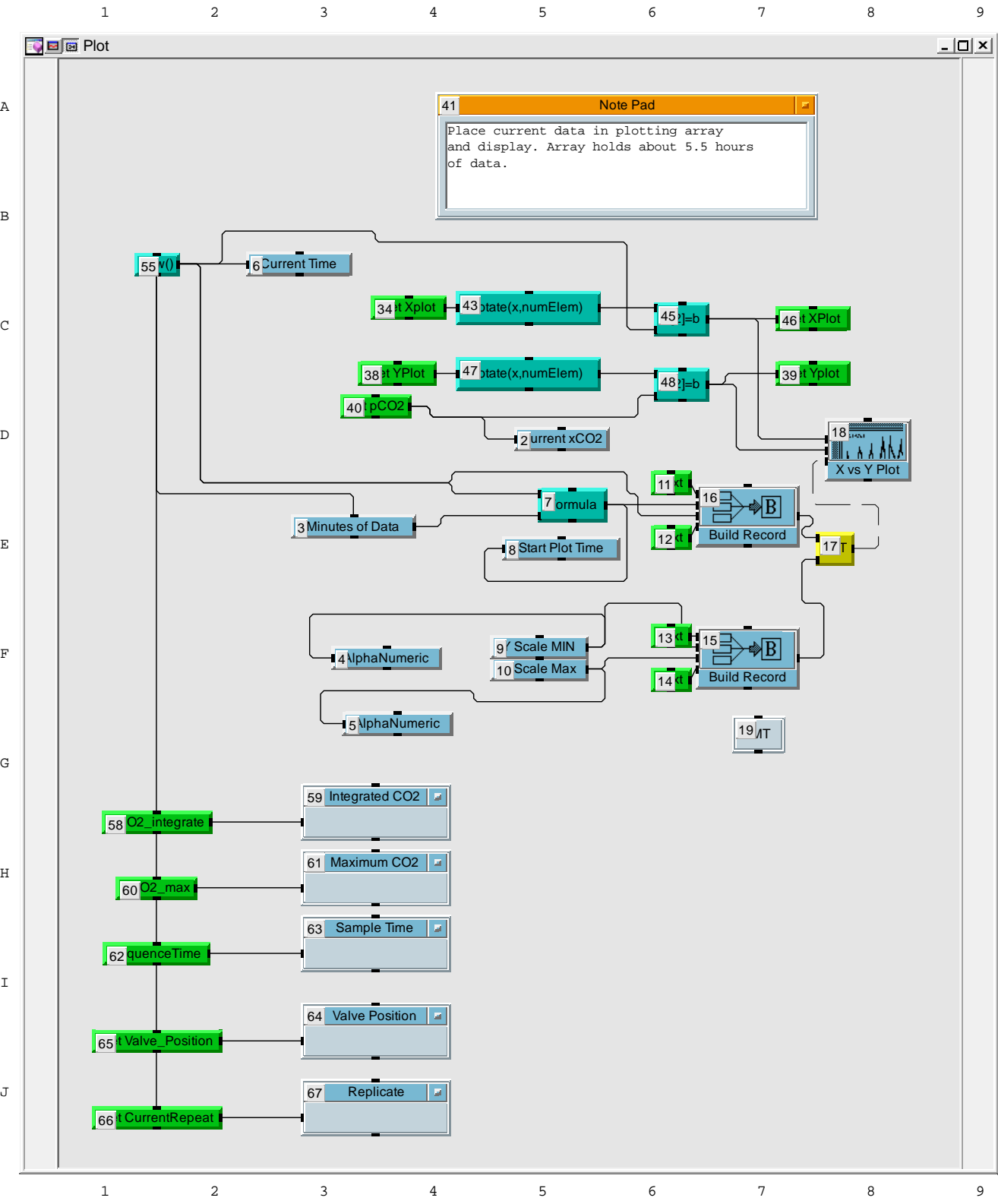


Open_Dump (F20): Detail View, Total Objects: 2



```
UserFunction  "Open_Dump"
- 0 at: B2  Direct I/O "Serial12 ( @ 12)"
  | ObjectIndex: F20.0
  | Declared Scope: Local to Context
  | Transactions: 2 lines.
  |   | WRITE BYTE 254
  |   | WRITE BYTE 8
  | ShowTitleBar: true
  | ShowTerminals: true
  | ShowIconTitle: true
- 1 at: A2  Start "Start"
  | ObjectIndex: F20.1
  | Declared Scope: Local to Context
  | ShowTitleBar: false
  | ShowTerminals: false
  | ShowIconTitle: true
```


Plot (F15): Detail View, Total Objects: 39



UserFunction "Plot"

2 at: D5 AlphaNumeric "Current xCO2" is added to panel

ObjectIndex: F15.2

Declared Scope: Local to Context

ClearAtActivate: false

ShowTitleBar: true

ShowTerminals: false

ShowIconTitle: true

3 at: E3 Slider "Minutes of Data" is added to panel

ObjectIndex: F15.3

Declared Scope: Local to Context

InitializeAtPrerun: true

InitialValue: 15

DetentSize: 1

EnableEditing: true

Mon 08/Nov/2010 15:28:39

```
Value Range: 1, 350
Detent Size: 1
ShowTitleBar: true
ShowTerminals: false
ShowIconTitle: true
LabelSpacing: EveryMajorTic
4 at: F3 AlphaNumeric "AlphaNumeric" is added to panel
ObjectIndex: F15.4
Declared Scope: Local to Context
ClearAtActivate: false
ShowTitleBar: true
ShowTerminals: false
ShowIconTitle: true
5 at: G4 AlphaNumeric "AlphaNumeric" is added to panel
ObjectIndex: F15.5
Declared Scope: Local to Context
ClearAtActivate: false
ShowTitleBar: true
ShowTerminals: false
ShowIconTitle: true
6 at: B3 AlphaNumeric "Current Time" is added to panel 2 times
ObjectIndex: F15.6
Declared Scope: Local to Context
ClearAtActivate: false
ShowTitleBar: true
ShowTerminals: false
ShowIconTitle: true
7 at: E5 Formula "Formula"
ObjectIndex: F15.7
Declared Scope: Local to Context
Formula: a-b*60
ShowTitleBar: true
ShowTerminals: true
ShowIconTitle: true
8 at: E5 AlphaNumeric "Start Plot Time" is added to panel
ObjectIndex: F15.8
Declared Scope: Local to Context
ClearAtActivate: false
ShowTitleBar: true
ShowTerminals: false
ShowIconTitle: true
9 at: F5 Slider "Y Scale MIN" is added to panel
ObjectIndex: F15.9
Declared Scope: Local to Context
InitializeAtPrerun: true
InitialValue: 0
DetentSize: 25
EnableEditing: true
Value Range: -500, 500
Detent Size: 25
ShowTitleBar: true
ShowTerminals: false
ShowIconTitle: true
LabelSpacing: EveryMajorTic
10 at: F5 Slider "Y Scale Max" is added to panel
ObjectIndex: F15.10
Declared Scope: Local to Context
InitializeAtPrerun: true
InitialValue: 500
DetentSize: 25
EnableEditing: true
Value Range: 0, 2000
Detent Size: 25
ShowTitleBar: true
ShowTerminals: false
ShowIconTitle: true
LabelSpacing: EveryMajorTic
11 at: D6 Text Constant "Text"
ObjectIndex: F15.11
Declared Scope: Local to Context
DataShape: Scalar
ArraySize: 10
EnableEditing: true
ShowTitleBar: true
```

Mon 08/Nov/2010 15:28:39

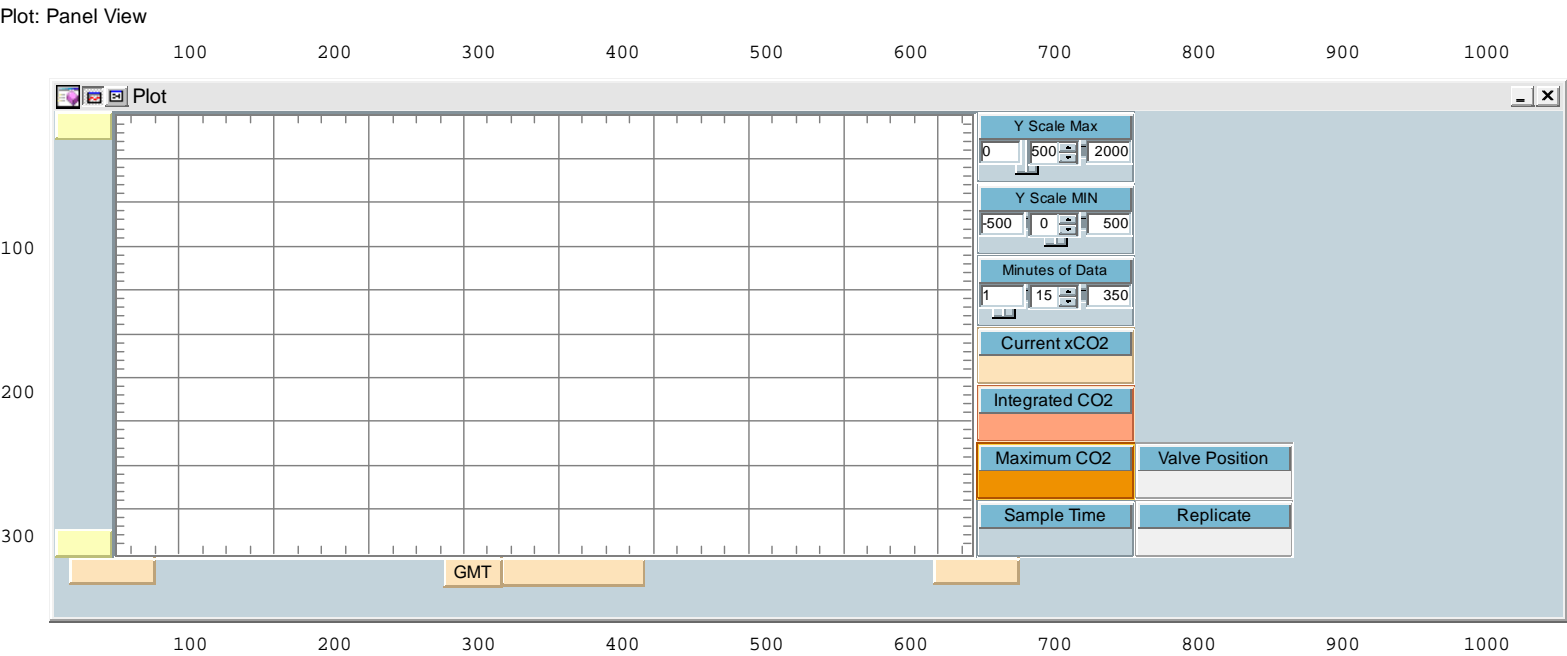
```
| ShowTerminals: false
| ShowIconTitle: true
12 at: E6 Text Constant "Text"
| ObjectIndex: F15.12
| Declared Scope: Local to Context
| DataShape: Scalar
| ArraySize: 10
| EnableEditing: true
| ShowTitleBar: true
| ShowTerminals: false
| ShowIconTitle: true
13 at: F6 Text Constant "Text"
| ObjectIndex: F15.13
| Declared Scope: Local to Context
| DataShape: Scalar
| ArraySize: 10
| EnableEditing: true
| ShowTitleBar: true
| ShowTerminals: false
| ShowIconTitle: true
14 at: F6 Text Constant "Text"
| ObjectIndex: F15.14
| Declared Scope: Local to Context
| DataShape: Scalar
| ArraySize: 10
| EnableEditing: true
| ShowTitleBar: true
| ShowTerminals: false
| ShowIconTitle: true
15 at: F7 Build Record "Build Record"
| ObjectIndex: F15.15
| Declared Scope: Local to Context
| Record output shape: Scalar
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
16 at: E7 Build Record "Build Record"
| ObjectIndex: F15.16
| Declared Scope: Local to Context
| Record output shape: Scalar
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
17 at: E8 Junction "JCT"
| ObjectIndex: F15.17
| Declared Scope: Local to Context
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
18 at: D8 X vs Y Plot "X vs Y Plot" is added to panel
| ObjectIndex: F15.18
| Declared Scope: Local to Context
| ClearAtActivate: false
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
| NumMarkers: None
| MarkerInterpolate: false
| MarkerColor: Dark Gray
| ShowScalesLegend: true
| ShowScaleLabels: true
| ShowScrollBars: true
| ShowAutoScaleButton: true
| EnableEditTracesAndScales: true
| GridType: Lines
19 at: G7 Label "GMT" is added to panel
| ObjectIndex: F15.19
| Declared Scope: Local to Context
| Label: "GMT"
| ShowTitleBar: false
| ShowTerminals: false
| ShowIconTitle: true
34 at: C4 Get Variable "Get Xplot"
| ObjectIndex: F15.34
```

Mon 08/Nov/2010 15:28:39

```
| Declared Scope: Local to Context
| Global Name: "Xplot"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
38 at: C4  Get Variable "Get YPlot"
| ObjectIndex: F15.38
| Declared Scope: Local to Context
| Global Name: "Yplot"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
39 at: C7  Set Variable "Set Yplot"
| ObjectIndex: F15.39
| Declared Scope: Local to Context
| Global Name: "Yplot"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
40 at: D3  Get Variable "Get pCO2"
| ObjectIndex: F15.40
| Declared Scope: Local to Context
| Global Name: "pCO2"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
41 at: A6  Note Pad "Note Pad"
| ObjectIndex: F15.41
| Declared Scope: Local to Context
| Note Contents: 3 lines.
|   | Place current data in plotting array
|   | and display. Array holds about 5.5 hours
|   | of data.
| ShowTitleBar: true
| ShowTerminals: false
| ShowIconTitle: true
43 at: C5  Formula "rotate(x,numElem)"
| ObjectIndex: F15.43
| Declared Scope: Local to Context
| Formula: rotate(x, 1)
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
45 at: C6  Formula "a[2]=b"
| ObjectIndex: F15.45
| Declared Scope: Local to Context
| Formula: a[0] = b
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
46 at: C7  Set Variable "Set XPlot"
| ObjectIndex: F15.46
| Declared Scope: Local to Context
| Global Name: "Xplot"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
47 at: C5  Formula "rotate(x,numElem)"
| ObjectIndex: F15.47
| Declared Scope: Local to Context
| Formula: rotate(x, 1)
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
48 at: C6  Formula "a[2]=b"
| ObjectIndex: F15.48
| Declared Scope: Local to Context
| Formula: a[0] = b
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
55 at: B1  Formula "now()"
| ObjectIndex: F15.55
| Declared Scope: Local to Context
```

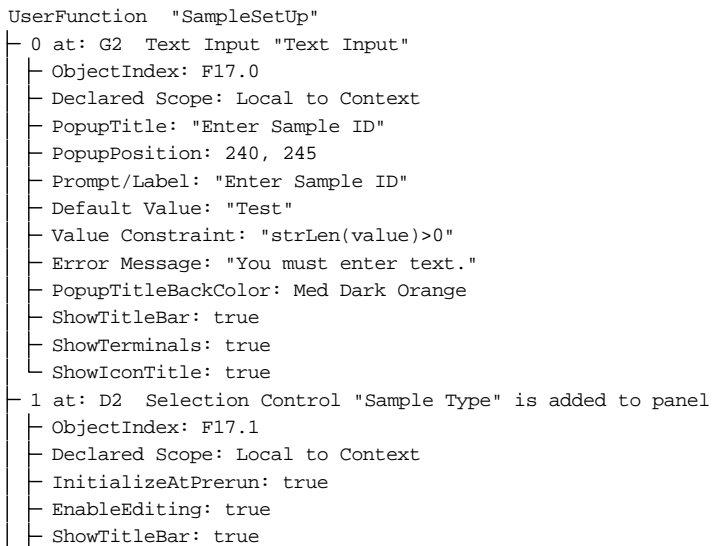
Mon 08/Nov/2010 15:28:39

```
| Formula: now()
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
58 at: G1 Get Variable "pCO2_integrate"
| ObjectIndex: F15.58
| Declared Scope: Local to Context
| Global Name: "pCO2_integrate"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
59 at: G3 AlphaNumeric "Integrated CO2" is added to panel
| ObjectIndex: F15.59
| Declared Scope: Local to Context
| ClearAtActivate: false
| ShowTitleBar: true
| ShowTerminals: false
| ShowIconTitle: true
60 at: H1 Get Variable "pCO2_max"
| ObjectIndex: F15.60
| Declared Scope: Local to Context
| Global Name: "pCO2_max"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
61 at: H3 AlphaNumeric "Maximum CO2" is added to panel
| ObjectIndex: F15.61
| Declared Scope: Local to Context
| ClearAtActivate: false
| ShowTitleBar: true
| ShowTerminals: false
| ShowIconTitle: true
62 at: I1 Get Variable "SequenceTime"
| ObjectIndex: F15.62
| Declared Scope: Local to Context
| Global Name: "SequenceTime"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
63 at: I3 AlphaNumeric "Sample Time" is added to panel
| ObjectIndex: F15.63
| Declared Scope: Local to Context
| ClearAtActivate: false
| ShowTitleBar: true
| ShowTerminals: false
| ShowIconTitle: true
64 at: I3 AlphaNumeric "Valve Position" is added to panel
| ObjectIndex: F15.64
| Declared Scope: Local to Context
| ClearAtActivate: false
| ShowTitleBar: true
| ShowTerminals: false
| ShowIconTitle: true
65 at: I1 Get Variable "Get Valve_Position"
| ObjectIndex: F15.65
| Declared Scope: Local to Context
| Global Name: "Valve_Position"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
66 at: J1 Get Variable "Get CurrentRepeat"
| ObjectIndex: F15.66
| Declared Scope: Local to Context
| Global Name: "CurrentRepeat"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
67 at: J3 AlphaNumeric "Replicate" is added to panel
| ObjectIndex: F15.67
| Declared Scope: Local to Context
| ClearAtActivate: false
| ShowTitleBar: true
| ShowTerminals: false
| ShowIconTitle: true
```

PanelView "Plot" (w=1047, h=351)

- 5: AlphaNumeric "AlphaNumeric" (x=0, y=0) (w=40, h=20)
- 9: Slider "Y Scale MIN" (x=640, y=50) (w=110, h=50)
- 10: Slider "Y Scale Max" (x=640, y=0) (w=110, h=50)
- 3: Slider "Minutes of Data" (x=640, y=100) (w=110, h=50)
- 2: AlphaNumeric "Current xCO2" (x=640, y=150) (w=110, h=40)
- 59: AlphaNumeric "Integrated CO2" (x=640, y=190) (w=110, h=40)
- 18: X vs Y Plot "X vs Y Plot" (x=40, y=0) (w=600, h=311)
- 8: AlphaNumeric "Start Plot Time" (x=10, y=310) (w=60, h=19)
- 4: AlphaNumeric "AlphaNumeric" (x=0, y=290) (w=40, h=20)
- 6: AlphaNumeric "Current Time" (x=310, y=310) (w=100, h=20)
- 19: Label "GMT" (x=270, y=310) (w=41, h=21)
- 63: AlphaNumeric "Sample Time" (x=640, y=270) (w=110, h=40)
- 61: AlphaNumeric "Maximum CO2" (x=640, y=230) (w=110, h=40)
- 6: AlphaNumeric "Current Time" (x=610, y=310) (w=60, h=19)
- 64: AlphaNumeric "Valve Position" (x=750, y=230) (w=110, h=40)
- 67: AlphaNumeric "Replicate" (x=750, y=270) (w=110, h=40)



Mon 08/Nov/2010 15:28:39

```
| ShowTerminals: false
| ShowIconTitle: true
| Format: Slider List
| FormatSliderLayout: Vertical
2 at: C2 Knob "Repeat" is added to panel
| ObjectIndex: F17.2
| Declared Scope: Local to Context
| InitializeAtPrerun: true
| InitialValue: 1
| DetentSize: 1
| EnableEditing: true
| Value Range: 1, 20
| Detent Size: 1
| ShowTitleBar: true
| ShowTerminals: false
| ShowIconTitle: true
| ShowDigitalDisplay: false
| LabelSpacing: EveryMajorTic
| Orientation: Horizontal
7 at: A2 OK "OK" is added to panel
| ObjectIndex: F17.7
| Declared Scope: Local to Context
| Assign to Enter Button: true
| Assign to Escape Button: false
| Assign to Function Key: None
| EnableOnPing: true
| ShowTitleBar: false
| ShowTerminals: false
| ShowIconTitle: true
8 at: H2 Formula "HidePanel("SampleSetUp")"
| ObjectIndex: F17.8
| Declared Scope: Local to Context
| Formula: HidePanel("SampleSetUp")
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
9 at: A2 Formula "ShowPanel("SampleSetUp")"
| ObjectIndex: F17.9
| Declared Scope: Local to Context
| Formula: ShowPanel("SampleSetUp", 100, 100)
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
10 at: C4 Set Variable "Repeat"
| ObjectIndex: F17.10
| Declared Scope: Local to Context
| Global Name: "Repeat"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
11 at: D3 Set Variable "SampleType"
| ObjectIndex: F17.11
| Declared Scope: Local to Context
| Global Name: "SampleType"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
15 at: G3 Set Variable "SampleID"
| ObjectIndex: F17.15
| Declared Scope: Local to Context
| Global Name: "SampleID"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
17 at: E2 Toggle Control "Quit" is added to panel
| ObjectIndex: F17.17
| Declared Scope: Local to Context
| InitializeAtActivate: true
| InitialValue: 0
| EnableEditing: true
| ShowTitleBar: false
| ShowTerminals: false
| ShowIconTitle: true
| Format: <Custom>
```

Mon 08/Nov/2010 15:28:39

```
└ Scaled: false
18 at: E3 If/Then/Else "If/Then/Else"
└ ObjectIndex: F17.18
└ Declared Scope: Local to Context
└ If/Else cases: a==1
└ ShowTitleBar: true
└ ShowTerminals: true
└ ShowIconTitle: true
21 at: I8 Stop "Stop"
└ ObjectIndex: F17.21
└ Declared Scope: Local to Context
└ Exit code: 0
└ ShowTitleBar: true
└ ShowTerminals: false
└ ShowIconTitle: true
23 at: E7 Text Constant "Empty Syringe"
└ ObjectIndex: F17.23
└ Description: Valve 1 to Port 2
└ Declared Scope: Local to Context
└ DataShape: Scalar
└ ArraySize: 10
└ EnableEditing: true
└ ShowTitleBar: true
└ ShowTerminals: false
└ ShowIconTitle: true
36 at: F5 Formula "HidePanel("ErrorRecord")"
└ ObjectIndex: F17.36
└ Declared Scope: Local to Context
└ Formula: HidePanel("ErrorRecord")
└ ShowTitleBar: true
└ ShowTerminals: true
└ ShowIconTitle: true
37 at: F5 Formula "ShowPanel("ErrorRecord")"
└ ObjectIndex: F17.37
└ Declared Scope: Local to Context
└ Formula: ShowPanel("ErrorRecord")
└ ShowTitleBar: true
└ ShowTerminals: true
└ ShowIconTitle: true
38 at: F3 If/Then/Else "If/Then/Else"
└ ObjectIndex: F17.38
└ Declared Scope: Local to Context
└ If/Else cases: l==A
└ ShowTitleBar: true
└ ShowTerminals: true
└ ShowIconTitle: true
41 at: F2 Toggle Control " Error Log" is added to panel
└ ObjectIndex: F17.41
└ Declared Scope: Local to Context
└ InitializeAtActivate: true
└ InitialValue: 0
└ EnableEditing: true
└ ShowTitleBar: false
└ ShowTerminals: false
└ ShowIconTitle: true
└ Format: <Custom>
└ Scaled: false
44 at: G2 Toggle Control "Acid Flush" is added to panel
└ ObjectIndex: F17.44
└ Declared Scope: Local to Context
└ AutoExecute: true
└ InitializeAtActivate: true
└ InitialValue: 0
└ EnableEditing: true
└ ShowTitleBar: false
└ ShowTerminals: false
└ ShowIconTitle: true
└ Format: <Custom>
└ Scaled: false
45 at: G4 If/Then/Else "If/Then/Else"
└ ObjectIndex: F17.45
└ Declared Scope: Local to Context
└ If/Else cases: a==1
└ ShowTitleBar: true
└ ShowTerminals: true
└ ShowIconTitle: true
```

Mon 08/Nov/2010 15:28:39

```
| ShowTerminals: true
| ShowIconTitle: true
46 at: G5 Call "Call AcidFlush"
| ObjectIndex: F17.46
| Declared Scope: Local to Context
| Function name: "AcidFlush"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
48 at: H3 Break "Break"
| ObjectIndex: F17.48
| Declared Scope: Local to Context
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
49 at: E8 Direct I/O "Serial10 ( @ 10)"
| ObjectIndex: F17.49
| Declared Scope: Local to Context
| Transactions: WRITE TEXT a EOL
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
50 at: E9 Call "Call ErrorRecord"
| ObjectIndex: F17.50
| Declared Scope: Local to Context
| Function name: "ErrorRecord"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
51 at: F8 Call "Call Open_Dump"
| ObjectIndex: F17.51
| Declared Scope: Local to Context
| Function name: "Open_Dump"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
52 at: F8 Call "Call Full_Flow"
| ObjectIndex: F17.52
| Declared Scope: Local to Context
| Function name: "Full_Flow"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
53 at: G8 Delay "Delay"
| ObjectIndex: F17.53
| Declared Scope: Local to Context
| Delay: 10
| ShowTitleBar: true
| ShowTerminals: false
| ShowIconTitle: true
54 at: G8 Call "Call Close_Dump"
| ObjectIndex: F17.54
| Declared Scope: Local to Context
| Function name: "Close_Dump"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
55 at: H8 Call "Call Stop_Flow"
| ObjectIndex: F17.55
| Declared Scope: Local to Context
| Function name: "Stop_Flow"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
57 at: D3 Set Variable "Set SampleCount"
| ObjectIndex: F17.57
| Declared Scope: Local to Context
| Global Name: "SampleCount"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
60 at: D5 If/Then/Else "If/Then/Else"
| ObjectIndex: F17.60
| Declared Scope: Local to Context
| If/Else cases: a==0
```

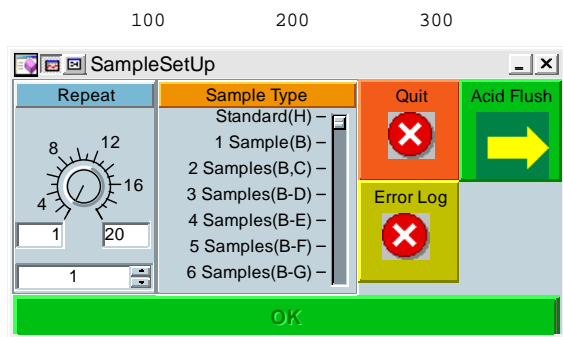
Mon 08/Nov/2010 15:28:39

```
└─ 11/Else Cases: a==0
└─ ShowTitleBar: true
└─ ShowTerminals: true
└─ ShowIconTitle: true
61 at: D3  Get Variable "Get SampleCount"
└─ ObjectIndex: F17.61
└─ Declared Scope: Local to Context
└─ Global Name: "SampleCount"
└─ ShowTitleBar: true
└─ ShowTerminals: true
└─ ShowIconTitle: true
63 at: D7  Set Variable "Set SampleCount"
└─ ObjectIndex: F17.63
└─ Declared Scope: Local to Context
└─ Global Name: "SampleCount"
└─ ShowTitleBar: true
└─ ShowTerminals: true
└─ ShowIconTitle: true
64 at: D6  Constant "Int16"
└─ ObjectIndex: F17.64
└─ Declared Scope: Local to Context
└─ InitialValue: 0
└─ DataShape: Scalar
└─ ArraySize: 10
└─ EnableEditing: true
└─ ShowTitleBar: true
└─ ShowTerminals: false
└─ ShowIconTitle: true
66 at: H8  Delay "Delay"
└─ ObjectIndex: F17.66
└─ Declared Scope: Local to Context
└─ Delay: 1
└─ ShowTitleBar: true
└─ ShowTerminals: false
└─ ShowIconTitle: true
```

Mon 08/Nov/2010 15:28:39

SampleSetUp: Panel View

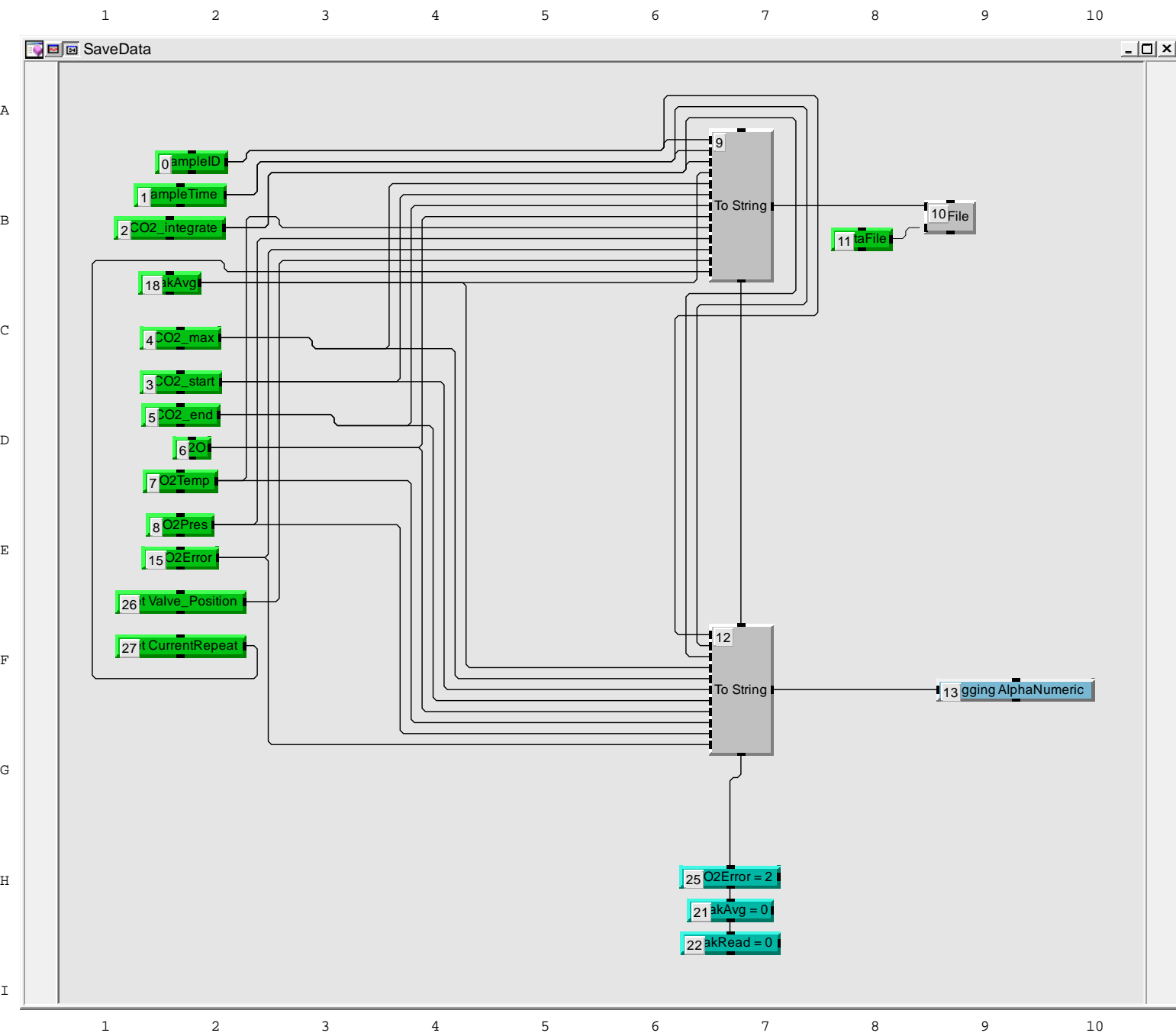
100



```
PanelView "SampleSetUp" (w=381, h=177)
├ 2: Knob "Repeat" (x=0, y=0) (w=100, h=150)
├ 7: OK "OK" (x=0, y=150) (w=380, h=31)
├ 1: Selection Control "Sample Type" (x=100, y=0) (w=140, h=150)
├ 17: Toggle Control "Quit" (x=240, y=0) (w=71, h=71)
├ 41: Toggle Control "Error Log" (x=240, y=70) (w=70, h=71)
└ 44: Toggle Control "Acid Flush" (x=310, y=0) (w=71, h=71)
```

Mon 08/Nov/2010 15:28:39

SaveData (F16): Detail View, Total Objects: 21



UserFunction "SaveData"

```

0 at: A2 Get Variable "SampleID"
  ObjectIndex: F16.0
  Declared Scope: Local to Context
  Global Name: "SampleID"
  ShowTitleBar: true
  ShowTerminals: true
  ShowIconTitle: true
1 at: B2 Get Variable "SampleTime"
  ObjectIndex: F16.1
  Declared Scope: Local to Context
  Global Name: "SampleTime"
  ShowTitleBar: true
  ShowTerminals: true
  ShowIconTitle: true
2 at: B1 Get Variable "pCO2_integrate"
  ObjectIndex: F16.2
  Declared Scope: Local to Context
  Global Name: "pCO2_integrate"
  ShowTitleBar: true
  ShowTerminals: true
  ShowIconTitle: true
3 at: C2 Get Variable "pCO2_start"

```

Mon 08/Nov/2010 15:28:39

```
| ObjectIndex: F16.3
| Declared Scope: Local to Context
| Global Name: "pCO2_start"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
4 at: C2  Get Variable "pCO2_max"
| ObjectIndex: F16.4
| Declared Scope: Local to Context
| Global Name: "pCO2_max"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
5 at: D2  Get Variable "pCO2_end"
| ObjectIndex: F16.5
| Declared Scope: Local to Context
| Global Name: "pCO2_end"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
6 at: D2  Get Variable "H2O"
| ObjectIndex: F16.6
| Declared Scope: Local to Context
| Global Name: "H2O"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
7 at: D2  Get Variable "CO2Temp"
| ObjectIndex: F16.7
| Declared Scope: Local to Context
| Global Name: "CO2Temp"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
8 at: E2  Get Variable "CO2Pres"
| ObjectIndex: F16.8
| Declared Scope: Local to Context
| Global Name: "CO2Pres"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
9 at: B7  To String "To String"
| ObjectIndex: F16.9
| Declared Scope: Local to Context
| Transactions: 27 lines.
|   WRITE TEXT a STR
|   WRITE TEXT ", " STR
|   WRITE TEXT B DATE:DMY TIME:HMS:H24
|   WRITE TEXT ", " STR
|   WRITE TEXT B
|   WRITE TEXT ", " STR
|   WRITE TEXT C REAL64 FIX:0
|   WRITE TEXT ", " STR
|   WRITE TEXT D REAL64 FIX:2
|   WRITE TEXT ", " STR
|   WRITE TEXT E REAL64 FIX:2
|   WRITE TEXT ", " STR
|   WRITE TEXT F REAL64 FIX:2
|   WRITE TEXT ", " STR
|   WRITE TEXT G REAL64 FIX:2
|   WRITE TEXT ", " STR
|   WRITE TEXT H REAL64 FIX:2
|   WRITE TEXT ", " STR
|   WRITE TEXT I REAL64 FIX:2
|   WRITE TEXT ", " STR
|   WRITE TEXT j REAL64 FIX:2
|   WRITE TEXT ", " STR
|   WRITE TEXT k INT16
|   WRITE TEXT ", " STR
|   WRITE TEXT l INT16
|   WRITE TEXT ", " STR
|   WRITE TEXT m INT16 EOL
| MultiFieldFormat: (...) Syntax
| ArrayFormat: Block
```

Mon 08/Nov/2010 15:28:39

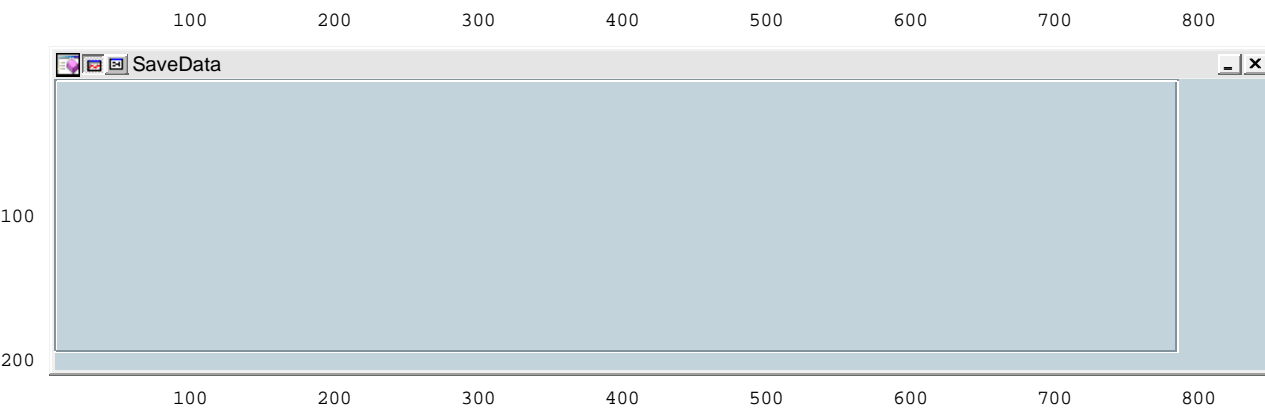
```
- ArraySeparator: " "
- ShowTitleBar: true
- ShowTerminals: true
- ShowIconTitle: true
10 at: B9 To File "To File"
- ObjectIndex: F16.10
- Declared Scope: Local to Context
- Transactions: 2 lines.
  - WRITE TEXT a EOL
  - EXECUTE CLOSE
- EolSequence: "\r\n"
- MultiFieldFormat: (...) Syntax
- ArrayFormat: Block
- ArraySeparator: "\r\n"
- ShowTitleBar: true
- ShowTerminals: true
- ShowIconTitle: true
11 at: B8 Get Variable "DataFile"
- ObjectIndex: F16.11
- Declared Scope: Local to Context
- Global Name: "DataFile"
- ShowTitleBar: true
- ShowTerminals: true
- ShowIconTitle: true
12 at: F7 To String "To String"
- ObjectIndex: F16.12
- Declared Scope: Local to Context
- Transactions: 21 lines.
  - WRITE TEXT a STR FW:13 RJ
  - WRITE TEXT " " STR
  - WRITE TEXT B DATE:DMY TIME:HMS:H24
  - WRITE TEXT " " STR
  - WRITE TEXT C REAL64 FIX:0 FW:6 RJ
  - WRITE TEXT " " STR
  - WRITE TEXT D REAL64 FIX:2 FW:6 RJ
  - WRITE TEXT " " STR
  - WRITE TEXT E REAL64 FIX:2 FW:6 RJ
  - WRITE TEXT " " STR
  - WRITE TEXT F REAL64 FIX:2 FW:6 RJ
  - WRITE TEXT " " STR
  - WRITE TEXT G REAL64 FIX:2 FW:6 RJ
  - WRITE TEXT " " STR
  - WRITE TEXT H REAL64 FIX:2 FW:6 RJ
  - WRITE TEXT " " STR
  - WRITE TEXT I REAL64 FIX:2 FW:6 RJ
  - WRITE TEXT " " STR
  - WRITE TEXT j REAL64 FIX:2
  - WRITE TEXT " " STR
  - WRITE TEXT k INT16 FW:6 RJ EOL
- MultiFieldFormat: (...) Syntax
- ArrayFormat: Block
- ArraySeparator: " "
- ShowTitleBar: true
- ShowTerminals: true
- ShowIconTitle: true
13 at: F9 Logging AlphaNumeric "Logging AlphaNumeric" is added to panel
- ObjectIndex: F16.13
- Declared Scope: Local to Context
- ClearAtActivate: false
- Buffer Size: 256
- ShowTitleBar: true
- ShowTerminals: false
- ShowIconTitle: true
15 at: E2 Get Variable "TCO2Error"
- ObjectIndex: F16.15
- Declared Scope: Local to Context
- Global Name: "TCO2Error"
- ShowTitleBar: true
- ShowTerminals: true
- ShowIconTitle: true
18 at: B1 Get Variable "PeakAvg"
- ObjectIndex: F16.18
- Declared Scope: Local to Context
- Global Name: "PeakAvg"
```


Mon 08/Nov/2010 15:28:39

```
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
21 at: H7 Formula "PeakAvg = 0"
| ObjectIndex: F16.21
| Declared Scope: Local to Context
| Formula: PeakAvg = 0
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
22 at: H7 Formula "PeakRead = 0"
| ObjectIndex: F16.22
| Declared Scope: Local to Context
| Formula: PeakRead = 0
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
25 at: H7 Formula "TCO2Error = 2"
| ObjectIndex: F16.25
| Declared Scope: Local to Context
| Formula: TCO2Error = -1
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
26 at: E2 Get Variable "Get Valve_Position"
| ObjectIndex: F16.26
| Declared Scope: Local to Context
| Global Name: "Valve_Position"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
27 at: F2 Get Variable "Get CurrentRepeat"
| ObjectIndex: F16.27
| Declared Scope: Local to Context
| Global Name: "CurrentRepeat"
| ShowTitleBar: true
| ShowTerminals: true
| ShowIconTitle: true
```

Mon 08/Nov/2010 15:28:39

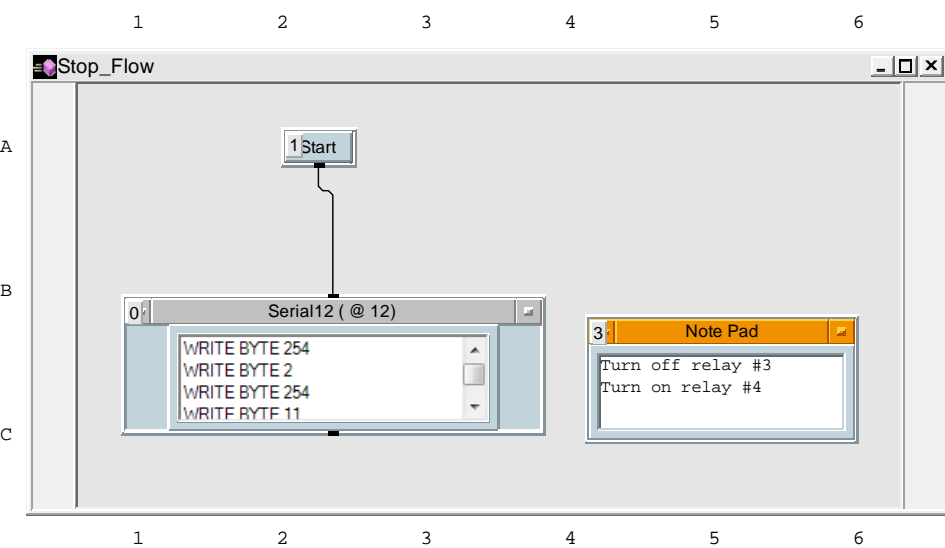
SaveData: Panel View



PanelView "SaveData" (w=844, h=202)

└ 13: Logging AlphaNumeric "Logging AlphaNumeric" (x=0, y=0) (w=780, h=190)

Stop_Flow (F23): Detail View, Total Objects: 3



```
UserFunction "Stop_Flow"
└ 0 at: B2 Direct I/O "Serial12 (@ 12)"
  └ ObjectIndex: F23.0
  └ Declared Scope: Local to Context
  └ Transactions: 4 lines.
    └ WRITE BYTE 254
    └ WRITE BYTE 2
    └ WRITE BYTE 254
    └ WRITE BYTE 11
  └ ShowTitleBar: true
  └ ShowTerminals: true
  └ ShowIconTitle: true
└ 1 at: A2 Start "Start"
  └ ObjectIndex: F23.1
  └ Declared Scope: Local to Context
  └ ShowTitleBar: false
  └ ShowTerminals: false
  └ ShowIconTitle: true
└ 3 at: C5 Note Pad "Note Pad"
  └ ObjectIndex: F23.3
  └ Declared Scope: Local to Context
  └ Note Contents: 2 lines.
    └ Turn off relay #3
    └ Turn on relay #4
  └ ShowTitleBar: true
  └ ShowTerminals: false
  └ ShowIconTitle: true
```

Index Page

I/O Configuration.	1
Main (M): Detail View, Total Objects: 11.	2
Panel View.	6
AcidFlush (F19): Detail View, Total Objects: 3.	7
Close_Dump (F24): Detail View, Total Objects: 2.	7
ErrorRecord (F18): Detail View, Total Objects: 6.	8
Panel View.	10
Full_Flow (F22): Detail View, Total Objects: 3.	10
Get_LicorData (F14): Detail View, Total Objects: 29.	11
Panel View.	15
Normal_Flow (F21): Detail View, Total Objects: 3.	15
Open_Dump (F20): Detail View, Total Objects: 2.	16
Plot (F15): Detail View, Total Objects: 39.	17
Panel View.	23
SampleSetUp (F17): Detail View, Total Objects: 34.	24
Panel View.	29
SaveData (F16): Detail View, Total Objects: 21.	30
Panel View.	34
Stop_Flow (F23): Detail View, Total Objects: 3.	34