

Account

Usage:	Name=Account(CREATE CARD DELETE TAG OWN SUB,Id PaymentId Option,Parameters) or Account(DELETE TAG,Id,Value)
Description	Manage transaction accounts
Details:	<div>for CREATE - creates a normal account manually (no authentication)</div> <div>Name - optional name of the macro to assign the result to (for CREATE and CARD only)</div> <div>PaymentId - Payment ID (see [#Authenticate Authenticate] for details)</div> <div>With 1 extra parameter - creates a Debit account with account Id</div> <div>With 2 extra parameters - creates a generic account with AccountId and Name</div> <div>With 3 extra Parameters - creates a gereric account with AccountId, Name and MemberType</div> <div>With 4 extra parameters - creates a generic account with AccountId,Name,SubAccount,SubName</div> <div>With 5 extra parameters - creates a generic account with AccountId,Name,SubId,SubName,MemberType,optional Ratings Grade</div> <div>for CARD - creates a special credit card account (used for EFTPOS/Credit card)</div> <div>Name - optional name of the macro to assign the result to (for CREATE and CARD only)</div> <div>PaymentId - Payment ID (see [#Authenticate Authenticate] for details)</div> <div>Parameter1 : Entry Type, as specified by the PAN Source ID (e.g. 0:Internet, 1:Telephone, 2:Mail order, 3:Customer, 4:Recurring, 5:Installment)</div> <div>Parameter2 : Card Number - 16 digit credit card number</div> <div>Parameter3 : Expiry Date - 4 or 6 digit (mmyy or mmyyyy) expiry month/year</div> <div>for OWN - takes ownership of produt line items in the current part</div> <div>Id - account id to give ownership to</div> <div>SELECTED - take ownership of selected item</div> <div>MARKED - take ownershup of marked items</div> <div>ANONYMOUS - take ownership of unowned items</div> <div>for SUB - assigns a subid and sub name to an existing account, then recreates the account with new key</div> <div>Name - returns the new account id (on success) or the existing one (on failure)</div> <div>Id - account id to assign</div> <div>Parameter1 - new sub id</div> <div>Parameter2 - new sub name</div> <div>DELETE - Deletes account given by Id</div> <div>TAG - sets or searches account tag for account given by Id to Value</div> <div>Account(TAG,AccountKey,Tag) - tags account with non-unique search tag</div> <div>List=Account(TAG,?,SearchTag) - searches and returns list of accounts with search tag</div> <div>UNIQUE - sets or finds account tag for given unique tag.</div> <div>Account(UNIQUE,AccountKey,Tag) - tags account with UNIQUE find key</div> <div>Value=Account(UNIQUE,?,FindKey) - finds account with given UNIQUE find key</div>

Act

Usage:	Act(TillId,LocationId)
Description	Act as an alternate till and location temporarily
Details:	<div>TillID - of the till to act as</div> <div>LocationId - of the till to act as.</div>

Add

Usage:	Var=Add(?!? x Qty1 ProductList ProductId x Qty1, Qty2, Pricing)
Description	Adjustment to add product to the current receipt/invoice, if credit mode then a return is added
Details:	<div>ProductId - A product ID from [catalog.xml] to add</div> <div>? - the selected product</div> <div>ProductList - e.g. 1234x9+1111x4+4299x2</div> <div>Qty1 - Qty of product to add (used when [#Quantity Quantity] command is used)</div> <div>Qty2 - Qty of product to add, quantities from Productlist, Qty1 and Qty2 are multiplicative</div> <div>Pricing - Relative@Absolute, e.g. -10%@Default/2</div> <div>Full description of pricing in behaviour documentation</div> <div>If a var is specified, then a price check on the adjustment is performed - without changing anything.</div>

Array

- Usage:

Var=Array(Param1,Param2,....)
- Description

Convert a list of parameters into an array macro
- Details:

Paramters, param1 will be accessible as {Var.1} etc.

Attach

- Usage:

Attach(DrawerId|?)
- Description

Attach the logged in cashier to the specified drawer
- Details:

DrawerId a number specifying the drawer
? the default configured (via [#Drawer|Drawer] command) drawer.

Attribute

- Usage:

Attribute(Name,Value)
- Description

Sets a transaction attribute
- Details:

Name - name of the attribute (e.g. NAME for the transaction name)
Value - value to set the attribute to.

Authenticate

- Usage:

Name=Authenticate(Payment|Payment AS Alias|@AUTH|@ACCRUE|@XML|@DEFAULT,LookupId)
- Description

Authenticates the user with ID, and keeps it in the macro {Name} for later use
- Details:

Name - the name of the variable to store the customer in, a special case is Name# - which creates incrementing (Name1,Name2) variables.
Payment - a payment interface named and defined in [gateways.xml]
Payment AS Alias - as payment, but with an override alias (e.g. EFTPOS as VISA)
@AUTH - use the auth interface defined in [gateways.xml]
@ACCRUE - use the accrue interface defined in [gateways.xml]
@XML - use the xml interface defined in [gateways.xml]
@DEFAULT - use the default inteface defined in [gateways.xml]
LookupId - the customer reference number, card number or ID to attempt to authenticate

If the interface specified does not support authenticate, then the local [customer.xml] file is checked

Balance

- Usage:

Var=Balance(Customer,Bucket)
- Description

Return the balance of customer
- Details:

Customer - customer as set by [#Authenticate|Authenticate]
Bucket - optional bucket id to get balance of.
Var - balance as a number, no leading currency symbols.

Banking

Usage:	Banking(RECORD,PaymentId,Drawer) or Banking(TILL,PaymentId,Name,Quantity,Per Value) or Banking(CANCEL) or Banking(REPORT,TemplateId,Filename)
Description	Perform banking functions at the till, recording counted moneys and then at finalise recorded moneys into a transaction or cancel the current banking tx
Details:	for TILL - adds a count value to the banking transaction PaymentId - the payment id to assign this count to, e.g. CASH for coin/note counts Name - A descriptive name for the item, e.g. 50c Pieces Quantity - The count of this item, e.g. 197 (50 c pieces), or 1 for non currency counts such as EFTPOS Per Value - The value per single of this item, e.g. 0.50 (for 50c pieces), or the full amount for non currency for RECORD - finalises and processes the banking transaction PaymentId - the payment Id to include the stored money details from. Drawer - the drawer number to process (0 for manual drawer tills) for CANCEL - no parameters required, clears the current banking transaction for REPORT - saves a report to the report folder Template - Target printer/template Filename - root file name (date/time etc appended)

Base

Usage:	Base(?,* Qty,Formula)
Description	Set the fixed price (BASE) formula, use this in buttons - rarely in behaviours.
Details:	

Batch

Usage:	Batch(PDE,Adjustment,Direction,AdjustmentFile)
Description	Perform a batch adjustment on the active transaction
Details:	Currently PDE is the only available adjustment type Adjustment - e.g. Add or Stock Direction - either +1 or -1 File to get the batch list from (see [#Question Question] for how to select a file)

Cashout

Usage:	Cashout(FROM OF,amount)
Description	Adds a cashout notify to the transaction
Details:	FROM - the cashout notify is from the given amount OF - the cashout notify is of the given amount.

Catalog

Usage:	Var=Catalog(ProductId,Macro)
Description	Returns the value of a product entry field
Details:	ProcutId any viable product ID for a product Macro one of the following - with appropriate (), {} and/or [] for formatting: @.NAME - returns the normal name of the product @.BUTTONNAME - returns the button name of the product @.LONGNAME - returns the long name of the product @.PARENT - returns the parent ID of the product @.PRICE.X - returns the dollar price for prcing value X (e.g. PRICE.DEFAULT/1) @.GROUP.X - returns the group for group type X (e.g. GROUP.DEPT) @.FLAG.X - returns YES if flag X exists, NO if it does not.

Charge

- Usage:**Charge(TAB|ROOM,_[Room Id])
- Description** TAB : DO a tab charge virtual transaction
- Details:**ROOM : Do a room charge to the current room charge system on the server
Room Id - the full room id and possibly sub id as required by the active room charge system.

Checkpoint

- Usage:**D=Checkpoint(Name,HOURS|MINUTES|WHEN) or Checkpoint(Name,_[CLEAR])
- Description** Store a checkpoint with the current time and allow the time to be retrieved later
- Details:**D is specified retrieve the hour duration since the
Name is the name of the checkpoint
CLEAR - if specified clears the checkpoint
HOURS - return hours since checkpoint, returns 'NO' if checkpoint invalid
MINUTES - returns minutes since checkpoint, returns 'NO' if checkpoint invalid
WHEN - returns formatted date/time (e.g. 31-Jan-2017 8:15pm) of checkpoint, returns 'NO' if checkpoint invalid

Choose

- Usage:**Var=Choose(Index,List of Choices)
- Description** Choose an item out of a list of choices based upon the index
- Details:**Index - an index (0,1,2,3,...)
List of choices - comma separated list of choices - index 0 returns the first one, 1 the second etc.

Clear

- Usage:**Clear(MACROS)
- Description** Clears MACROS, may be extended to clear other things.
- Details:**

Config

- Usage:**Value=Config(Name) or Config(Name,Value)
- Description** Set or get a configuration item from the registry based configuration.
- Details:**Name - name of configuration item to set or get
Value - Value returned or value to set.

Console

- Usage:**Console(Target,OFF|ON|TOGGLE|ALL|CURRENT|SELECTED|LAST,Filter)
- Description** As [#Print|Print] except prints to the console (or remote output)
- Details:**

Cover

- Usage:**Cover(Qty,Price)
- Description** Add a cover sundry to the receipt, with given price.
- Details:**

Credit

Usage:	Credit(OFF ITEM SALE ON)
Description	Set the current credit mode status
Details:	OFF - turn off credit mode ON - turn on credit mode (currently not available) SALE - turn on credit mode until the current sale is finalised ITEM - turn on credit mode for one operation (receipt or adjustment)

Cut

Usage:	Cut
Description	Cut the marked items out of the current transaction into the clipboard
Details:	

CutTo

Usage:	CutTo(TableId,CURRENT NEW)
Description	Cut the marked items out of the current transaction into the specified transaction
Details:	TTableId - the target transaction to paste into CURRENT - paste into the current part NEW - paste into a new part.

DBUpdate

Usage:	DBUpdate(PRICING RESEND,Target,TillList,Name,Value,Expiry)
Description	Send updates to the iConnect database
Details:	PRICING - updates pricing overrides on the iConnect database * Target : Either product id or * if reseting pricing * TillList : * represents all tills, L<locationid> all tills in a location, <till>+<till>+<till>... a list of tills * Name : Pricing Level Name * Value : Either a value (e.g. 4.99) or - for when you are reseting a specific price * Expiry : Expiry in days for the price override DBUpdate(Pricing,<productid>,TillList,<pricename>,<pricevalue>) - price override DBUpdate(Pricing,<productid>,TillList,<pricename>,-) - reset pricing for specific product and price name DBUpdate(Pricing,<productid>,TillList) - reset pricing for product DBUpdate(Pricing,*,TillList,<pricename>,-) - reset pricing for all products for given pricename DBUpdate(Pricing,*,TillList) - reset pricing for all products NAME - updates a name override for a product * Target : Product id * TillList : Always * * Name : Product Name override, blank to reset the override DBUpdate(Name,1294,*,Frank Furter) RESEND - initiates a RESEND to tills event in iConnect * TillList : * represents all tills, L<locationid> all tills in a location, <till>+<till>+<till>... a list of tills DBUpdate(Resend,Catalog,TillList) - Trigger a catalog resend

Delete

Usage:	Delete(?,n)
Description	Delete n items from the selected item
Details:	

Dettach

Usage:	Dettach
Description	Dettach the logged in cashier from their drawer
Details:	

Drawer

Usage:	Drawer(? n,_[+Cashier -Cashier RESET)
Description	Control cash draws
Details:	? - drawer associated with current cashier n - explicit drawer number If no parameter - then just open the specified draw +Cashier - Add cashier id to the drawer associations -Cashier - Remove cashier id from the drawer associations RESET - clear the drawer associations

Echo

Usage:	Echo(Text)
Description	Write to the console, or remote console
Details:	Text - text to write to the console.

Enumerate

Usage:	List=Enumerate(Payment,What) or List=Enumerate(What)
Description	Return a list of account's subaccounts or a list of transaction accounts.
Details:	Payment gateway ID (see [#Authenticate Authenticate] for details) OR account id/name if only parameter for listing transaction accounts. What account to list subaccounts of.

Expand

Usage:	Expand(ALL CURRENT,ON OFF)
Description	Expand (1 item per line) or collapse (like items merged) a transaction or the current part.
Details:	ALL - entire transaction CURRENT - current part ON - expand OFF - collapse

File

Usage:	File(Target,OFF ON TOGGLE ALL CURRENT SELECTED LAST,Filter)
Description	As [#Print Print] except prints to a file in the foreign directory
Details:	

FileCompare

Usage:	Var=FileCompare(Filename)
Description	Check if two files exist and are the same, returns YES or NO
Details:	Var - return result

FileCount

Usage:	Var=FileCount(PathId,Mask)
Description	Return the count of files of mask within the path id given (e.g. Local, Trash etc)
Details:	The path id, as per configuration (Local, Trash, Daily, Queue etc) The file mask to look for e.g. *.xml

FileExists

Usage:	Var=FileExists(Filename)
Description	Check if a file exists return YES or NO
Details:	Var - return result

Finalise

Usage:	Finalise(AUTO NAME NOSALE NOTIFY FORCE COMPLETE CONTINUE SUBTOTAL CANCEL INCOMPLETE CLIPP TODOS,name)
Description	Finalise the transaction, the transaction part or in some other way attempts to finish a transaction
Details:	AUTO - Automatically close the transaction if net value is \$0.00 NOSALE - Create and finalise a NOSALE transaction NOTIFY - Create a notification transaction with given name COMPLETE - Complete a transaction, if it is able to be completed SUBTOTAL - Continue a transaction, subtotalling the current part before doing so CONTINUE - Continue a transaction into a new part CANCEL - Cancel a transaction if possible FORCE - Complete a transaction forcibly if required INCOMPLETE - Close a transaction without completing it CLIPP - Auto complete a clipp transaction sending a close to clipp as required. TODOS - finalise TODO list (and does nothing else), optional name to specify which ones (currently unused) NAME - Name the transaction, for BANKING this sets the comment on the variance name - Optional Name for transaction

Flag

Usage:	Flag(PRINT GROUP SELECT MARK,ALL CURRENT LAST SELECTED n,ON OFF TOGGLE value)
Description	Set or unset various flags and values on line items.
Details:	PRINT - Set printed flag GROUP - Set group to value SELECT - Flag items as selected MARK - Flag items as marked ALL - Entire Transaction CURRENT - Current Part LAST - Previous part SELECTED - selected items n - A number of items ON - turn on OFF - turn off TOGGLE - toggle flag value - value for setting GROUP value

Hive

Usage:	Hive(DOWN UP RESEND PING) or Result=Hive(QUERY,VALUE)
Description	When no return value is specified - Sends commands to the till's hive module
Details:	DOWN - disables the hive UP - enables the hive RESEND - Resends local transactions, tells other tills you have started up. PING - send a ping out to all other tills. When a return value is specified then: QUERY is one of TXSTATUS - returns a global transaction status (as in Tx and Table Picker) for transaciton ID TABLESTATUS - returns a global transaction status for the table specified (VALUE)

Hold

Usage:	Hold(_ BROADCAST)
Description	Holds a transaction (or cancels it if empty) saving it, unlocking it, then readying for another transaction
Details:	

Identify

Usage:	Var=Identify(TableId)
Description	Returns the transaction ID for a given table id, or blank
Details:	Table ID Var will be the TX ID for the given transaction

Instruction

Usage:	Instruction(?,* Qty,Instruction Value)
Description	Set the instructions for selected items
Details:	

Issue

Usage:	Var=Issue(InterfaceId,IssuerId,Name,Expiry,Contact,Msg,Value)
Description	Issue or Create an account, coupon, voucher etc on the target customer/interface
Details:	InterfaceId - Interface to create item on (1) SearchTag - Apply search tag, use a - for no search tag. IssuerId - ID used by interface to determine what kind of thing to issue (2) Name - Name of issued item (e.g. customer name, or coupon name) optional account type 'CustomerName/CustomerType' (3) Expiry - expiry from today (e.g. 8d, 2w, 3m, 1y ... days, weeks, months or years). (4) Contact - Contact information to send details to (5) Msg - Text to include in message (6) Value - Value, either currency, integer or blank (7)

Layout

Usage:	Layout(LayoutId)
Description	Load a new till layout
Details:	LayoutId - name of the layout (no extension)

Limit

Usage:	Limit(Amount,HardPercent,WarnPercent)
Description	Sets spending limits on current transaction
Details:	Amount - the amount limit to Hard Percent - the absolute limit as a percentage of the limit Warn Percent - the percent of the limit at which to warn

Locate

Usage:	Var=Locate(TableId)
Description	Find the location (till id) of a given table
Details:	Table ID Var returns the till ID at which a locked or available till is currently active.

Logging

Usage:	Logging(ON OFF)
Description	Turns on or off command logging
Details:	

Login

Usage:	Login(CashierId,_[CashierPassword Wrist System])
Description	Login to the till and reload any auto-held cashier transcations belonging to the cashier.
Details:	CashierId to attempt to login No parameter - prompt for password, cashier must have Keyboard enabled in [cashiers.xml] CashierPassword - entered password, cashier must have Keyboard enabled in [cashiers.xml] System - used by internal code to automatically log in and out as required, cashier must have System enabled in [cashiers.xml] Wrist - used when a wrist scanned mask triggers a login even, cashier must have Wrist enabled in [cashiers.xml]

Logout

Usage:	Logout
Description	Logout of the till and hold any active transaction
Details:	

Lookup

Usage:	Var=Position(Choice,List of Choices)
Description	Find the position of choice among a list of choices
Details:	Choice - the choice we are looking for List of choices - the list to look in, returns the position of the choice in this list.

Macro

Usage:	Var=Macro(MacroName MacroText,TxId Formatting _)
Description	Allows one to evaluate a macro indirectly.
Details:	The macro name that has the name of the macro to evaluate Optional TxId to expand macros in another Transaction Optional Formatting to use for the macro expansion (not supported for other Tx)

Mail

Usage:	Mail(MessageCode)
Description	Create a message box in the top of the till containing the incoming hive message if one exists;
Details:	MessageCode - the message code to use from Error list

Mask

Usage:	Mask(Maskid ALL Prefix,ON OFF n)
Description	Enable or disable masks as defined in the [hardware.xml] file.
Details:	Maskid - the mask ID to set enabled or disabled ALL - all masks ON - enabled the mask processing OFF - disable the mask processing n - if the second parameter is an integer, then set a mask Prefix for the next n keyboard lines.

Message

Usage:	Message(MessageCode TillId,Text)
Description	Create a message box in the top centre corner of the till.
Details:	MessageCode - the message code to use from Error list TillId - if an integer is given as the first parameter, till id of till to send text message to. Parameters - parameters to that error

Null

Usage:	Null
Description	Do nothing, except post command processing
Details:	

Number

Usage:	Number(?,Qty)
Description	Adjust the quantity of the current line item by Qty
Details:	

Open

Usage:	Open(TxId CashierId TableId Tag TILL,FIRST LAST NEXT PREV)
Description	Opens a transaction, either locally or if unlucked from another till. Fails if no transaction is available.
Details:	<div>TxId - if a 9 character valid transaction ID is given, attempts to load it.</div> <div>TableId - if a valid table number is specified, attempts to load that table</div> <div>CashierId - if a valid cashier id (that isn't also a valid table id) then load a cashier transaction</div> <div>Tag - if a valid tag used by a transaction (note - TILL cannot be a tag here) then load the tagged transaction</div> <div>TILL - Load till transaction</div> <div>FIRST - load the first cashier, tag or TILL transaction</div> <div>LAST - load the last cashier, tag or TILL transaction</div> <div>NEXT - load the next cashier, tag or TILL transaction</div> <div>PREV - load the previous cashier, tag or TILL transaction</div> <div>If a number (e.g. 99) is specified - it first checks if it is a valid table number before checking cashier transactions.</div>

Paste

Usage:	Paste(CURRENT NEW)
Description	Paste the clipboard into the active transaction
Details:	<div>CURRENT - paste into the current part</div> <div>NEW - paste into a new part.</div>

Payment

Usage:	Payment(Customer.Bucket,Amount ?,Comment)
Description	Same as [#Receipt Receipt], except direct (not adjusted) amounts.
Details:	

Play

Usage:	Play(SoundId)
Description	Play the system sound given by the Sound Id
Details:	

Points

Usage:	Points(?,* Qty,Formula)
Description	Set the loyalty (POINTS) formula, should only be used in behaviors
Details:	

Preview

Usage:	Preview(Target,OFF ON TOGGLE ALL CURRENT SELECTED LAST,Filter)
Description	As [#Print Print] except prints to a preview on screen
Details:	

Price

- Usage:

Price(?,*|Qty,Formula)
- Description

Set the floating price (PRICE) formula, this price is cleared by behaviours - so this command is only useful for behaviours.
- Details:

PriceQuery

- Usage:

PriceQuery(ON|OFF|<blank)
- Description

turn on, off or toggle the price query flag (which turns adjustments into price queries)
- Details:

OFF - normal mode
ON - all adjustments become price queries (i.e. how much will the adjustment cost)
<empty> - toggles

Pricing

- Usage:

Pricing(Price Level)
- Description

Sets the current till (and catalog) pricing level
- Details:

Price Level - e.g. Default/2

Print

- Usage:

Print(Target,OFF|ON|TOGGLE|ALL[*]|CURRENT[*]|SELECTED[*]|LAST[*]|NOTHING,Filter)
- Description

Generate a report to the printer based upon what is currently visible on screen.
- Details:

Target - The target as defined in [printing.xml]
OFF - turn off this report
ON - turn on this report
TOGGLE - toggle this report
ALL - print entire transaction
CURRENT - print current part
SELECTED - print selected part
LAST - print last part
NOTHING - print a template with no transaction processing
[*] - optional * specifies a reprint and to ignore printed flag where relevant (e.g. ALL*)
Filter - macro=value filter for the report

Product

- Usage:

Product(ADD,ProductId,Parameters)
- Description

Manipulate the local catalog
- Details:

Product Id to manipululate
Paramaters
ADD : Name, Groups (GROUP/SUBDEPT/DEPT/CATEGORY), Price

Quantity

- Usage:

Quantity(Qty)
- Description

Set quantity of in the entry area,
- Details:

Qty, change the entry from nnnn to nnnn x Qty

Question

Usage:	Var=Question(PRODUCT CUSTOMER TRANSACTION INSTRUCTION STOCK LIST PICK FORCE DETAIL FILE TEXT EMAIL URL PIN NUMBER RANDOM TABLE TABLENUMBER CONTINUE TXID,parameters)
Description	Ask a question via a popup, returns a Name,Value pair accessible by {Var.1} and {Var.2} or returns a straight {Var}
Details:	PRODUCT - Product search, returns id or comma separated ids. Parameters: title, maximum number of products to select, search query CUSTOMER - Search for a customer, parameter: customer type (e.g. Silver, Debtor etc) TRANSACTION - Search for a transaction parameter1: HIVE, INDEX, DAILY, TRASH, LOCAL and parameter2 optional smart search TABLE - Shows a list of tables given an optional smart search. INSTRUCTION - Select instructions, parameter : selector id (from [instructions.xml]) LIST - Select from a list of Name=Value pairs, return {Var.1} and {Var.2} in a pair. PICK - Same as LIST, except don't pop up if there is no or one option - just return it. FORCE - Same as LIST, except force a selection - don't allow a no selection. DETAIL - Show details of Product given the ID, return selected price level for OK, blank for Cancel. FILE - Pick a file from the configured foreign directory. Parameter specifies caption of popup. TEXT - Allow user to enter a line of text with an on screen keyboard, parameter specifies caption of popup. EMAIL - Same as TEXT except enforced a valid EMail address GROUP - Pick a group given a group type ... specific CATALOG for example as parameters to prompt for a CATALOG value. URL - Allow user to verify a URL (or image), returns YES or NO or FAIL. Parameters specify caption and URL IMAGE - Allow user to verify an image, returns YES or NO or FAIL. Parameters specify caption, text and Image URL STOCK - Stock on hand query parameter1 is product id, subsequent parameters optional locations (* for all) PIN - Allow entry of a P.I.N. - returns PIN or blank NUMBER - Allows entry of a number - returns number or blank TABLENUMBER - Allows entry of a table, including B for bistro table, returns number e.g. 20, or B20 or blank. RANDOM - Returns a random result either between 1 and n or a and b via RANDOM(n) or RANDOM(a,b) CONTINUE - Displays a message, and asks and returns YES or NO. TXID - Asks for a valid TxId specify parameter 1 = tillid to ensure different till or - to allow any, parameter 2 = minites separation of tx to now or - for any. Param 3 is title

RawPrint

Usage:	RawPrint(Target,OFF ON TOGGLE ALL CURRENT SELECTED LAST,Filter)
Description	As [#Print Print] except prints no formatting characters (for sending to a kitchen printer for example)
Details:	

Recalculate

Usage:	Recalculate
Description	Rerun behaviours and calculations on the active transaction
Details:	

Receipt

Usage:	Receipt(Customer.Bucket,Amount ?,Comment)
Description	Either receipt or refund (depending on credit mode)
Details:	Customer - Customer as defined by [#Authenticate Authenticate] or [#Customer Customer] or [#Card Card] Bucket - optional bucket id, or similar Amount - Receipt amount, or refund amount ? - the current transaction net value Comment - override the default payment comment

Refresh

Usage:	Refresh
Description	Refresh the till display
Details:	

Report

Usage:	Result=Report(DAILY SHIFT POINTS STOCK ACCOUNT PRINT REPRINT,special...)
Description	Create or reset various reports and totals.
Details:	DAILY - daily report actions SHIFT - shift report actions POINTS - customer points actions STOCK - global stock levels actions ACCOUNT - customer account report via iConnect TillId - Till Id to perform daily report for TILL - the word TILL for daily report on local till DrawerId - drawer number for shift report Customer - customer macro name (from authenticate etc) to do points report for RESET - reset the appropriate report details. (RE)PRINT - save the active report to the reports directory via the provided template and file name <i>Report(DAILY,CREATE,TillId TILL) or Report(DAILY,RESET,TillId TILL)</i> <i>Report(SHIFT,DrawerId) or Report(SHIFT,RESET,DrawerId)</i> <i>Report(POINTS,Customer) or</i> <i>Report(STOCK,RESET)</i> <i>REport(ACCOUNT,<accountid>,[<txid>]) - To create an account report</i> <i>Report(ACCOUNT,MERGE) - merge activetransaction into current account report (for final tax invoice printing)</i> <i>Report(ACCOUNT,COMMIT,<accountid>) or Report(ACCOUNT,ROLLBACK,<accountid>) - commit or rollback report</i> <i>Report(PRINT REPRINT,<TemplateId>,<Filename>)</i>

Reset

Usage:	Reset(?,Qty)
Description	Reset the pricing (including base) on the selected item
Details:	

Retrieve

Usage:	Retrieve(tag,CLOSE _)
Description	Retrieve all remote open transactions with the given Tag. Optionally attempt to close (AUTO) them
Details:	tag - specify the tag that the transactions should have (e.g. CLIPP or WEDDING) CLOSE - if this parameter is specified, then attempt to close all transactions after they are retrieved

Reverse

Usage:	Reverse(?)
Description	Create a credit mode entry which is the reverse of the selected sale line.
Details:	

ReverseTransaction

Usage:	ReverseTransaction
Description	Reverse the current active transaction, or active report - creating a new transaction in the process.
Details:	

RoomCharge

Usage:	Roomcharge(Room Id)
Description	Do a room charge to the current room charge system on the server
Details:	Room Id - the full room id and possibly sub id as required by the active room charge system.

RoomIdentify

Usage:	Var=RoomIdentify(RoomId)
Description	Call the room interface (via the server) to identify(name) the given room and return that name.
Details:	Room Id appropriate to configured room system

Service

Usage:	Service(Command,param1,param2,param3,...)
Description	Send a special request in the transaction to be performed by iConnect or iConnectService.
Details:	Command : Currently only option is EMAIL or NONE (NONE = clears the email settins EMAIL - param1 email PDF template EMAIL - param2 email target address EMAIL - param3 email subject

Shutdown

Usage:	Shutdown(_ RESTART,[_ FAIL FORCE)
Description	Shutdown or restart the till software
Details:	No parameter is shutdown RESTART - restart the till UPDATEREMOVE - attempt to retrieve new iCell from config server, then restart UPDATELOCAL - attempt to update with file in the update directory

Sign

Usage:	Sign(CashierId,_[CashierPassword Wrist System,ANY SECOND MULTI,Description)
Description	Sign the transaction
Details:	CashierId to attempt to use to sign ANY - allow any cashier to sign, including the cashier or cashiers in the tx SECOND - require the cashier that signs to not be present in the transaction MULTI - allow any cashier to sign, as long as after signing the number of cashiers in the tx is more than one No parameter - prompt for password, cashier must have Keyboard enabled in [cashiers.xml] CashierPassword - entered password, cashier must have Keyboard enabled in [cashiers.xml] System - used by internal code to automatically log in and out as required, cashier must have System enabled in [cashiers.xml] Wrist - used when a wrist scanned mask triggers a login even, cashier must have Wrist enabled in [cashiers.xml] Description - defaults to 'Signed by Joe', or Description if not blank

Software

Usage:	Software(ICELL)
Description	Perform software updates or other actions
Details:	ICELL Update the ICELL software after icell has notified us of an update <i>Currently only one option available, may expand in future.</i>

Special

Usage:	Special(Payment,Parameters....)
Description	Perform a special function against a payment gateway
Details:	Payment gateway ID (see [#Authenticate Authenticate] for details) Parameters vary by payment gateway vendor.

Split

- Usage:

Split(Name)
- Description

Split the marked items into a new part
- Details:

Name - name of new part

Status

- Usage:

Var=Status(TableId)
- Description

Determine the usage status of a table.
- Details:

Table Id to query
Var returns Locked, Available or Unused

Stock

- Usage:

Var=Stock(?? x Qty1|ProductList|ProductId x Qty1, Qty2, Pricing)
- Description

Same as [#Add|Add] except used when the current customer is a location, rather than a person
- Details:

StockQuery

- Usage:

Qty=StockQuery(ProductId)
- Description

Do a stock query on product id and return how much/many is available at current sell location
- Details:

ProductId - product to query
Qty - return value for the value (e.g. 1 or 2.77)

Store

- Usage:

Store(Name,Value)
- Description

Store a global variable (remembered through till restarts)
- Details:

Name - name of variable to store - automatically has an '@' prepended to avoid collisions with significant globals
Value - value to store

Sundry

- Usage:

Sundry(Id,Qty,Price)
- Description

Add a normal sundry to the receipt, with given price
- Details:

System

- Usage:

System(Operating System command,HIDE|WAIT|HIDE+WAIT)
- Description

Execute an operating system command
- Details:

The command - cannot include commas
HIDE - Minimise the command window
WAIT - Wait for the command to complete before continuing.
HIDE+WAIT - Both of the above.

Table

Usage:	Table(Table Id,<optional note>)
Description	Load, or start a table with given ID.
Details:	Table Id - specifies table type and table number n - Load/create normal table n Bn - Load/create Bistro table n Rn - Reset table number to table n Zn - Load but do not create normal table n NEW - create a new table with first available table number <optional note> - optional hidden note for tables. Defaults to 'Reserved'

Tag

Usage:	Var=Tag(Transaction Tag)
Description	Sets a transaction tag
Details:	Transaction Tag - the tag to apply, e.g. CLIPP, PARTY etc (assuming Var= is not present) Var - if this syntax is used, retrieves the Tag of either a Transaction ID, or Table Number

Tax

Usage:	Tax(?,* Qty,Formula)
Description	Set the taxation (TAX) formula, should only be used in behaviors
Details:	

Timer

Usage:	Timer(Name) or Result=Timer(Name)
Description	Start a timer, or get the results of a timer
Details:	Name - the name of the timer to start/stop note that the timer will be cleared on each start

Transaction

Usage:	Transaction(JSON XML)
Description	Returns the JSON or XML of a transaction into the console, or to the remote console.
Details:	JSON - format it as JSON (CLIPP friendly) XML - Full Finchcorp XML

Trigger

Usage:	Trigger(Id,Name,Quantity)
Description	Adds a trigger notify to the transaction
Details:	id - a short alpha code (to be used in behaviours) name - a descriptive name to be displayed on the transaction qty - a quantity of the trigger (for testing in the behaviours)

UnIssue

Usage:	Unissue(Interface,IssuedId)
Description	Unissue, void or cancel an acoount, coupon, voucher etc.
Details:	Interfaceld - Interface to create item on IssuedId - id of issued item

Value

Usage:	Var=Value(Param1)
Description	Set var to the value given
Details:	Param1 is evaluated and stored in Var

View

Usage:	View(TxId CURRENT)
Description	View a completed transaction or return to the active transaction
Details:	TxId - 9 character transaction ID of a closed transaction REPORT - views the current 'report' transaction CURRENT - returns view to current active transaction

Void

Usage:	Void(MONEY PRODUCT STOCK ?)
Description	Void or remove completely the entry selected (set quantity and value to zero, then remove)
Details:	MONEY - only void if the selected item is money PRODUCT - only void if the selected item is product STOCK - only void if the selected item is stock ? - void without concern for what the item is

Window

Usage:	Window(Appname, Action)
Description	Controls the window of a windows application
Details:	AppName - name of app (e.g. notepad) Action - one of MAXIMIZE, MINIMIZE, RESTORE, SHOW, HIDE or blank - blank restores the window to its normal location.