

**Oracle® Insurance Policy  
Administration**

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OIPA Release 9.6.1.1**

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## UPDATES TO THE RULES PALETTE HELP

This section contains pages from the Rules Palette Help that were updated for the 9.6.0.3 release.

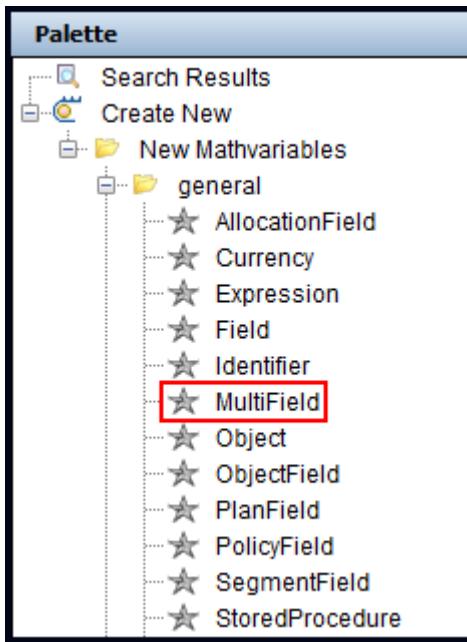
### MultiField

The MULTIFIELD math variable is used to access multifield values (using INDEX as an attribute) in Screen Math and Math sections.

The INDEX attribute can be any integer value ranging from 0-99, or a MathVariable of datatype INTEGER that resolves to a value within the supported range. When the INDEX attribute is equal to 0, the first instance of a multifield will be retrieved. Each additional instance of a multifield will be accessed by incrementing the INDEX value in a subsequent math variable. A math variable that is configured with an INDEX greater than the number of instances of the multifield selected on the activity will result in the value of the math variable being equal to null.

For math variables that are data type STRING or DATE, null is a valid value, and no error will be returned. For math variables that are data type DECIMAL or INTEGER null is not a valid value, and a system error will be returned unless a default value is specified using configuration.

A math variable that is configured with the TYPE equal to MULTIFIELD, but has no INDEX attribute specified will result in a code-generated system error.



MultiField Math Variable in Palette

**Note:** For a comprehensive explanation of the characteristics of this math variable, refer to the XML Configuration Guide in the **Help** menu of the Rules Palette.

## Define the Field Math Variable

Drag and drop the MultiField Math variable from the Palette window onto the Math Pane. Enter the following information for the math variable:

- Type a **Name** in the Name field. This is required.
- The data types are Activity, BigText, Boolean, Date, Decimal, Integer, Map, Object, Text and XML. This field is required.
- Make sure variable type is defined as MULTIFIELD. This is required.
- Specify an index. This specifies the particular instance of the multifield to access.
- Select Yes or No from the **Log** field. The default is No. This is an optional field.
- **Round** offers the options of **Yes** or **No**. Round is only enabled if you select the Decimal in the data type property. If you would like to round the Decimal, select **Yes**. Enter the number of decimal places to round the result value. **Note:** When the data type of Decimal is selected, the default value for Round is set to No. You must change the selection of the radio button to Yes if you wish to round.
- **Default** is used for a Decimal or Integer value so the system will not return a null value. For example, the default for an Integer data type could be -999999999.
- **MultiField** is the name of the MultiField you wish to retrieve. Type in the Name of the field.

Check the transaction in to save the information to the database.

## View Accounting in OIPA

The Chart of Accounts in OIPA performs accounting when:

- a suspense record is created
- a transaction that has financial implication is processed.

When the transaction is processed, transaction accounting is performed on the associated accounts.

View the accounting details by clicking on the icon to the left of the processed activity. This will open the Activity Details window. Select the **Accounting** tab to view the accounting details.

The Accounting Details window displays the various accounts affected by that transaction, along with their Account Numbers, Description, Amount and Debit/Credit details. This information displays in two tables: one with details for forward accounting and one with details for reversal accounting. SQL statements can also be run to view accounting for specific policies, account numbers, etc. Please see [Querying Account Records](#) for additional detail on SQL statements.

## UPDATES TO THE XML CONFIGURATION GUIDE

This section contains pages from the XML Configuration Guide that were updated for the 9.6.0.3 release.

## Available Prefixes and Fields for Configuration

Some commonly used values are available from the system in the form of the prefix and element structure outlined below. They are available within certain types of rules. These values eliminate the need to write SQL statements, which makes configuration quick and simple. The system also gains performance.

The rules and the available prefixes and elements are outlined below.

### Calculate General

Rule	Entity	Supported Prefix Syntax
Calculate General	Policy	Policy:PolicyGUID Policy:PolicyNumber Policy:PolicyName Policy:CreationDate Policy:IssueStateCode Policy:PlanDate Policy:StatusCode Policy:CompanyGUID Policy:PlanGUID Policy:XMLData Policy:UpdatedGMT Policy:{dynamic field name}
	Plan	Plan:PlanGUID Plan:CompanyGUID Plan:PlanName Plan:EffectiveDate Plan:DefaultCurrencyCode Plan:{dynamic field name}
	Segment	Segment:SegmentGUID Segment:ParentSegmentGUID Segment:PolicyGUID Segment:SegmentNameGUID Segment:StatusCode Segment:EffectiveDate Segment:XMLData Segment:{dynamic field name}
	SegmentName	SegmentName:PlanGUID SegmentName:SegmentName SegmentName:SegmentNameGUID SegmentName:TypeCode SegmentName:XMLData

## Exposed Computation

Rule	Entity	Supported Prefix Syntax
Exposed Computation	Policy	Policy:PolicyGUID Policy:PolicyNumber Policy:PolicyName Policy:CreationDate Policy:IssueStateCode Policy:PlanDate Policy:StatusCode Policy:CompanyGUID Policy:PlanGUID Policy:XMLData Policy:UpdatedGMT Policy:{dynamic field name} Policy:{dynamic field name}:CurrencyCode
	Plan	Plan:PlanGUID Plan:CompanyGUID Plan:PlanName Plan:EffectiveDate Plan:DefaultCurrencyCode Plan:PointInTimeValuation Plan:MarketMakerGUID Plan:PlanAllocationMethodCode Plan:{dynamic field name} Plan:{dynamic field name}:CurrencyCode
	Valuation:Fund	Valuation:Fund
	Valuation:Policy	Valuation:Policy:ActiveDate Valuation:Policy:CashValue Valuation:Policy:EffectiveDate Valuation:Policy:FreeAmount Valuation:Policy:Gain Valuation:Policy:GuaranteedAmount Valuation:Policy:MVAAmount Valuation:Policy:NetGain Valuation:Policy:Principal Valuation:Policy:RedemptionAmount Valuation:Policy:SurrenderValue Valuation:PolicyValues:{value}

## PolicyValues

Rule	Entity	Supported Prefix Syntax
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Rule	Entity	Supported Prefix Syntax
PolicyValues	None	EffectiveDate
	Policy	Policy:PolicyGUID
		Policy:PolicyNumber
		Policy:PolicyName
		Policy:CreationDate
		Policy:IssueStateCode
		Policy:PlanDate
		Policy:StatusCode
		Policy:CompanyGUID
		Policy:PlanGUID
		Policy:XMLData
		Policy:UpdatedGMT
		Policy:{dynamic field name}
		Policy:{dynamic field name}:CurrencyCode
Plan	Plan:PlanGUID	
	Plan:CompanyGUID b	
	Plan:PlanName	
	Plan:EffectiveDate	
	Plan:DefaultCurrencyCode	
	Plan:PointInTimeValuation	
	Plan:MarketMakerGUID	
	Plan:PlanAllocationMethodCode	
	Plan:{dynamic field name}	
	Plan:{dynamic field name}:CurrencyCode	
Valuation:Fund	Valuation:Fund	
Valuation:Policy	Valuation:Policy:ActiveDate	
	Valuation:Policy:CashValue	
	Valuation:Policy:EffectiveDate	
	Valuation:Policy:FreeAmount	
	Valuation:Policy:Gain	
	Valuation:Policy:GuaranteedAmount	
	Valuation:Policy:MVAAmount	
	Valuation:Policy:NetGain	
	Valuation:Policy:Principal	
	Valuation:Policy:RedemptionAmount	
	Valuation:Policy:SurrenderValue	
	Valuation:PolicyValues:{value}	

## Interest Rate Calculation

Rule	Entity	Supported Prefix Syntax
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Rule	Entity	Supported Prefix Syntax
Interest Rate Calculation	Policy	Policy:PolicyGUID
		Policy:PolicyNumber
		Policy:PolicyName
	Plan	Policy:CreationDate
		Policy:IssueStateCode
		Policy:PlanDate
		Policy:StatusCode
		Policy:CompanyGUID
		Policy:PlanGUID
		Policy:XMLData
		Policy:UpdatedGMT
		Policy:{dynamic field name}
		Policy:{dynamic field name}:CurrencyCode
		Plan:PlanGUID
		Plan:CompanyGUID
	Valuation:Deposit	Plan:PlanName
		Plan:EffectiveDate
		Plan:DefaultCurrencyCode
		Plan:PointInTimeValuation
		Plan:MarketMakerGUID
		Plan:PlanAllocationMethodCode
		Plan:{dynamic field name}
		Plan:{dynamic field name}:CurrencyCode
		Valuation:Deposit:{fund guid}
		Valuation:Deposit:{deposit guid}:CashValue
		Valuation:Deposit:{deposit guid}:EffectiveDate
		Valuation:Deposit:{deposit guid}:LastValuationDate
		Valuation:Deposit:{deposit guid}:Gain
		Valuation:Deposit:{deposit guid}:GuaranteedAmount
		Valuation:Deposit:{deposit guid}:InterestBonus
		Valuation:Deposit:{deposit guid}:NetGain
		Valuation:Deposit:{deposit guid}:RateLockDate
		Valuation:Deposit:{deposit guid}:SeedDepositGUID
		Valuation:Deposit:{deposit guid}:Principal
		Valuation:Deposit:{deposit guid}:RedemptionAmount
		Valuation:Deposit:{deposit guid}:ShortTermRedemptionUnits
		Valuation:Deposit:{deposit guid}:SurrenderRate
		Valuation:Deposit:{deposit guid}:SurrenderValue
		Valuation:Deposit:{deposit guid}:Units
		Valuation:Deposit:{deposit guid}:MVAAmount
		Valuation:Deposit:{deposit guid}:ActivityGUID
		Valuation:Deposit:{deposit guid}:TransactionName

Rule	Entity	Supported Prefix Syntax
		Valuation:Deposit:{deposit guid}:InitialUnits Valuation:Deposit:{deposit guid}:InitialCashValue
	Valuation:Fund	Valuation:Fund:{fund guid}:CashValue Valuation:Fund:{fund guid}:Gain Valuation:Fund:{fund guid}:GuaranteedAmount Valuation:Fund:{fund guid}:NetGain Valuation:Fund:{fund guid}:FreeAmount Valuation:Fund:{fund guid}:MVAAmount Valuation:Fund:{fund guid}:Principal Valuation:Fund:{fund guid}:RedemptionAmount Valuation:Fund:{fund guid}:ShortTermRedemptionUnits Valuation:Fund:{fund guid}:SurrenderValue Valuation:Fund:{fund guid}:Units Valuation:Fund:{fund guid}:UnitValue Valuation:Fund:{fund guid}:FundName Valuation:Fund:{fund guid}:TypeCode
	Valuation:Removal	Valuation:Removal:{deposit guid} Valuation:Removal:{removal guid}:ActivityGUID Valuation:Removal:{removal guid}:RemovedFromDepositGUID Valuation:Removal:{removal guid}:EffectiveDate Valuation:Removal:{removal guid}:MoneyTypeCode Valuation:Removal:{removal guid}:TransactionName Valuation:Removal:{removal guid}:Amount Valuation:Removal:{removal guid}:CashValue Valuation:Removal:{removal guid}:UnitValue Valuation:Removal:{removal guid}:Principal Valuation:Removal:{removal guid}:Units Valuation:Removal:{removal guid}:InterestRate Valuation:Removal:{removal guid}:GuaranteedAmount Valuation:Removal:{removal guid}:GuaranteedInterestRate Valuation:Removal:{removal guid}:CurrentInterestRate Valuation:Removal:{removal guid}:Days Valuation:Removal:{removal guid}:InterestAmount

## Inquiry Screen

Rule	Entity	Supported Prefix Syntax
Inquiry Screen	None	PolicyGUID (Policy level only)
	<b>Note:</b> With the exception of dynamic inquiry field names, this syntax is supported for	SystemDate
		ClientGUID(Client level only)
		ClientNumber

Rule	Entity	Supported Prefix Syntax
	configuration of both the Inquiry Screen user interface and the Results section of the Inquiry Screen.	<p>CompanyGUID (Policy level only)          PlanGUID(Policy level only)          PrimaryCompanyGUID          {dynamic inquiry field name}</p> <p>Note:{/b} This syntax is only supported for configuration of the Results section of the Inquiry Screen.</p>
	<p>Policy</p> <p><b>Note:</b> This syntax is only supported for configuration of the Results section of the Inquiry Screen.</p>	<p>Policy:PolicyGUID          Policy:PolicyNumber          Policy:PolicyName          Policy:CreationDate          Policy:IssueStateCode          Policy:PlanDate          Policy:StatusCode          Policy:CompanyGUID          Policy:PlanGUID          Policy:XMLData          Policy:UpdatedGMT          Policy:{dynamic field name}</p>
	<p>Client</p> <p><b>Note:</b> This syntax is only supported for configuration of the Results section of the Inquiry Screen.</p>	<p>Client:ClientGUID          Client:CompanyName          Client:DateOfBirth          Client:DateOfDeath          Client:Email          Client:FirstName          Client:LastName          Client:LegalResidenceCountryCode          Client:MiddleInitial          Client:Prefix          Client:Sex          Client:Suffix          Client:TaxID          Client&gt;TypeCode          Client:UpdatedGMT          Client:XMLData          Client:AlternateName1          Client:AlternateName2          Client:AlternateName3          Client:AlternateName4          Client:AlternateName5          Client:AdditionalPrefix</p>

Rule	Entity	Supported Prefix Syntax
		Client:AdditionalSuffix Client:TaxIDType Client:Title Client:MaritalStatus Client:BirthCountryCode Client:CitizenshipCountryCode Client:BirthRegionCode Client:PrimaryPhone Client:TextField1 Client:TextField2 Client:CheckBox1 Client:CheckBox2 Client:Radio1 Client:Radio2 Client:Combo1 Client:Combo2 Client:Date1 Client:Date2 Client:{dynamic field name}
	Valuation:Fund	Valuation:Fund
	Valuation:Policy	Valuation:Policy:ActivityDate Valuation:Policy:CashValue Valuation:Policy:EffectiveDate Valuation:Policy:FreeAmount Valuation:Policy:Gain Valuation:Policy:GuaranteedAmount Valuation:Policy:NetGain Valuation:Policy:Principal Valuation:Policy:RedemptionAmount Valuation:Policy:SurrenderValue Valuation:Policy:MVAAMount
	<b>Note:</b> This syntax is only supported if valuation is configured.	
	Valuation:PolicyValues	Valuation:PolicyValues:{name of value}

## Role Screen

Rule	Entity	Supported Prefix Syntax
RoleScreen	None	PolicyGUID LoginClientGUID RoleGUID SelectedRoleClientGUID RoleCode

Rule	Entity	Supported Prefix Syntax
		SystemDate
		SegmentGUID
		RolePercent
		{dynamic field name}

## Policy Transaction—Activity Processing

Rule	Entity	Supported Prefix Syntax
Policy Transaction	None  <b>Note:</b> This configuration is only supported when using programs.	Reinstate Run Start Terminate
	Activity  <b>Note:</b> This configuration is supported in regular transaction math.	Activity:ActivityGUID Activity:TransactionGUID Activity>TypeCode Activity>StatusCode Activity:EffectiveDate Activity:ActiveFromDate Activity:ActiveToDate Activity:ClientNumber (Login Client) Activity:ClientGUID (Login Client) Activity:PolicyGUID Activity:RelatedGUID Activity:ISPROGRAM Activity:XMLData Activity:ProcessingOrder Activity>ErrorStatusCode Activity:SuspenseStatusCode Activity:ActivityGMT Activity:EntryGMT Activity:CreationGMT Activity:{dynamic field name} Activity:MultiValueField:{multi field name}
	Company	Company:CompanyGUID Company:ClientGUID Company:CompanyName Company:DefaultCurrencyCode Company:EffectiveDate Company:MarketMakerGUID Company:{dynamic field name} Company:{dynamic field

Rule	Entity	Supported Prefix Syntax
		name}:CurrencyCode
	Plan	Plan:PlanGUID Plan:CompanyGUID Plan:PlanName Plan:EffectiveDate Plan:DefaultCurrencyCode Plan:PointInTimeValuation Plan:MarketMakerGUID Plan:PlanAllocationMethodCode Plan:{dynamic field name} Plan:{dynamic field name}:CurrencyCode
	Policy	Policy:PolicyGUID Policy:PolicyNumber Policy:PolicyName Policy:CreationDate Policy:IssueStateCode Policy:PlanDate Policy:StatusCode Policy:CompanyGUID Policy:PlanGUID Policy:XMLData Policy:UpdatedGMT Policy:{dynamic field name} Policy:{dynamic field name}:CurrencyCode
	Program	Program:ProgramGUID Program:PreviousStatusCode Program:StatusCode Program:EffectiveDate Program:ProgramDefinitionGUID Program:ProgramGUID Program:{dynamic field name} Program:{dynamic field name}:CurrencyCode
	Transaction	Transaction:TransactionGUID Transaction:PlanGUID Transaction:TransactionName Transaction:StatusCode Transaction>TypeCode Transaction:XMLData Transaction:ProcessingOrder
	Valuation:Fund	Valuation:Fund:{fund guid}:CashValue Valuation:Fund:{fund guid}:Gain Valuation:Fund:{fund guid}
	<b>Note:</b> This configuration is available when	

Rule	Entity	Supported Prefix Syntax
	<p>configuring a transaction using fixed fund valuation.</p> <p><b>Note:</b> This configuration is available when configuring a transaction using fixed fund valuation.</p>	guid}:GuaranteedAmount Valuation:Fund:{fund guid}:NetGain Valuation:Fund:{fund guid}:FreeAmount Valuation:Fund:{fund guid}:MVAAmount Valuation:Fund:{fund guid}:Principal Valuation:Fund:{fund guid}:RedemptionAmount Valuation:Fund:{fund guid}:ShortTermRedemptionUnits Valuation:Fund:{fund guid}:SurrenderValue Valuation:Fund:{fund guid}:Units Valuation:Fund:{fund guid}:UnitValue Valuation:Fund:{fund guid}:FundName Valuation:Fund:{fund guid}:TypeCode  Valuation:Deposit  <b>Note:</b> This configuration is available when configuring a transaction using fixed fund valuation.
		Valuation:Deposit:{fund guid} Valuation:Deposit:{deposit guid}:CashValue Valuation:Deposit:{deposit guid}:EffectiveDate Valuation:Deposit:{deposit guid}:LastValuationDate Valuation:Deposit:{deposit guid}:Gain Valuation:Deposit:{deposit guid}:GuaranteedAmount Valuation:Deposit:{deposit guid}:InterestBonus Valuation:Deposit:{deposit guid}:NetGain Valuation:Deposit:{deposit guid}:RateLockDate Valuation:Deposit:{deposit guid}:SeedDepositGUID Valuation:Deposit:{deposit guid}:Principal Valuation:Deposit:{deposit guid}:RedemptionAmount Valuation:Deposit:{deposit guid}:ShortTermRedemptionUnits Valuation:Deposit:{deposit guid}:SurrenderRate Valuation:Deposit:{deposit guid}:SurrenderValue Valuation:Deposit:{deposit guid}:Units Valuation:Deposit:{deposit guid}:MVAAmount Valuation:Deposit:{deposit guid}:ActivityGUID Valuation:Deposit:{deposit

Rule	Entity	Supported Prefix Syntax
		guid}:TransactionName Valuation:Deposit:{deposit guid}:InitialUnits Valuation:Deposit:{deposit guid}:InitialCashValue
	Valuation:Removal  <b>Note:</b> This configuration is available when configuring a transaction using fixed fund valuation.	Valuation:Removal:{deposit guid} Valuation:Removal:{removal guid}:ActivityGUID Valuation:Removal:{removal guid}:RemovedFromDepositGUID Valuation:Removal:{removal guid}:EffectiveDate Valuation:Removal:{removal guid}:MoneyTypeCode Valuation:Removal:{removal guid}:TransactionName Valuation:Removal:{removal guid}:Amount Valuation:Removal:{removal guid}:CashValue Valuation:Removal:{removal guid}:UnitValue Valuation:Removal:{removal guid}:Principal Valuation:Removal:{removal guid}:Units Valuation:Removal:{removal guid}:InterestRate Valuation:Removal:{removal guid}:GuaranteedAmount Valuation:Removal:{removal guid}:GuaranteedInterestRate Valuation:Removal:{removal guid}:CurrentInterestRate Valuation:Removal:{removal guid}:Days Valuation:Removal:{removal guid}:InterestAmount
	Valuation:Policy  <b>Note:</b> This configuration is available when configuring a transaction performing policy valuation.	Valuation:Policy:ActiveDate Valuation:Policy:CashValue Valuation:Policy:EffectiveDate Valuation:Policy:FreeAmount Valuation:Policy:Gain Valuation:Policy:GuaranteedAmount Valuation:Policy:MVAAmount Valuation:Policy:NetGain Valuation:Policy:Principal Valuation:Policy:RedemptionAmount Valuation:Policy:SurrenderValue
	Valuation:PolicyValues	Valuation:PolicyValues:{value}
	Withholding	Withholding:WithholdingGUID

Rule	Entity	Supported Prefix Syntax
		Withholding:TypeCode
		Withholding:RelatedGUID
		Withholding:XMLData
		Withholding:{dynamic field name}
		Withholding:{dynamic field name}:CurrencyCode

## Policy Transaction—Activity Detail

Rule	Entity	Supported Prefix Syntax
Policy Transaction	None	PolicyGUID PlanGUID SystemDate PrimaryCompanyGUID ClientGUID (Login Client) ClientNumber (Login Client) CompanyGUID ActivityGUID RelatedGUID TypeCode (the activity's TypeCode value) TransactionGUID ProcessingOrder ScheduleGUID ISPROGRAM {activity fixed field name}  Note:{/b} This syntax is not supported for field configuration.
		{activity dynamic field name}  Note:{/b} This syntax is not supported for field configuration prior to the activity's initial save.
	Plan	Plan:{dynamic field name}
	Policy	Policy:{dynamic field name}
	Suspense	Suspense:SuspenseStatusCode

## Client Transaction—Activity Processing

Rule	Entity	Supported Prefix Syntax
Client Transaction	Activity	Activity:ActivityGUID

Rule	Entity	Supported Prefix Syntax
		Activity:TransactionGUID Activity>TypeCode Activity:StatusCode Activity:EffectiveDate Activity:ActiveFromDate Activity:ActiveToDate Activity:ClientNumber (Login Client) Activity:ClientGUID (Login Client) Activity:PolicyGUID Activity:RelatedGUID Activity:ISPROGRAM Activity:XMLData Activity:ProcessingOrder Activity:ErrorStatusCode Activity:SuspenseStatusCode Activity:ActivityGMT Activity:EntryGMT Activity:CreationGMT Activity:{dynamic field name} Activity:MultiValueField:{multi field name}
	Client	Client:ClientGUID Client>TypeCode Client:CompanyName Client:LastName Client:FirstName Client:MiddleInitial Client:Prefix Client:Suffix Client:Sex Client:DateOfBirth Client:DateOfDeath Client:TaxID Client:Email Client:XMLData Client:UpdatedGMT Client:LegalResidenceCountryCode Client:AlternateName1 Client:AlternateName2 Client:AlternateName3 Client:AlternateName4 Client:AlternateName5 Client:AdditionalPrefix

Rule	Entity	Supported Prefix Syntax
		Client:AdditionalSuffix Client:TaxIDType Client:Title Client:MaritalStatus Client:BirthCountryCode Client:CitizenshipCountryCode Client:BirthRegionCode Client:PrimaryPhone Client:TextField1 Client:TextField2 Client:CheckBox1 Client:CheckBox2 Client:Radio1 Client:Radio2 Client:Combo1 Client:Combo2 Client:Date1 Client:Date2 Client:{dynamic field name}
	Company	Company:MarketMakerGUID Company:{dynamic field name} Company:{dynamic field name}:CurrencyCode
	Plan	Plan:PlanGUID Plan:CompanyGUID Plan:PlanName Plan:EffectiveDate Plan:DefaultCurrencyCCode Plan:PointInTimeValuation Plan:MarketMakerGUID Plan:PlanAllocationMethodCode Plan:{dynamic field name} Plan:{dynamic field name}:CurrencyCode
	Transaction	Transaction:TransactionGUID Transaction:PlanGUID Transaction:TransactionName Transaction:StatusCode Transaction>TypeCode Transaction:XMLData Transaction:ProcessingOrder

## Client Transaction—Activity Detail

Rule	Entity	Supported Prefix Syntax
Client Transaction	None	ClientGUID
		SystemDate
		PrimaryCompanyGUID
		PlanGUID
		ClientNumber (Login Client)
		CompanyGUID
		ActivityGUID
		RelatedGUID
		TypeCode (the activity's TypeCode value)
		TransactionGUID
		ProcessingOrder
		ScheduleGUID
		{activity fixed field name}
		<b>Note:</b> This syntax is not supported for field configuration.
		{activity dynamic field name}
		<b>Note:</b> This syntax is not supported for field configuration prior to the activity's initial save.
	Client	Client:{dynamic field name}
	Client	Client:ClientGUID
	Plan	Plan:{dynamic field name}

## MULTIFIELD

### Description

The MULTIFIELD MathVariable is used to access multifield values (using INDEX as an attribute) in Screen Math and Math sections.

The INDEX attribute can be any integer value ranging from 0-99, or a MathVariable of datatype INTEGER that resolves to a value within the supported range. When the INDEX attribute is equal to 0, the first instance of a multifield will be retrieved. Each additional instance of a multifield will be accessed by incrementing the INDEX value in a subsequent MathVariable. A MathVariable that is configured with an INDEX greater than the number of instances of the multifield selected on the activity will result in the value of the MathVariable being equal to null. For MathVariables that are data type STRING or DATE, null is a valid value and no error will be returned. For MathVariables that are data type DECIMAL or INTEGER, null is not a valid value, and a system error will be returned unless a default value is specified using configuration. A MathVariable that is configured with the TYPE equal to MULTIFIELD, but has no INDEX attribute specified will result in a code-generated system error.

**Note:** This MathVariable is currently only supported in transaction configuration.

### MULTIFIELD Element/Attribute Table

TYPE=MULTIFIELD				
Element	Attributes	Attribute Value	Element Value	Definition
<MathVariable>	TYPE	MULTIFIELD		<b>Required attribute:</b> The multifield value is used to access multifield values in math. The MathVariable element value is the name of the MultiField Field being retrieved.
	INDEX	An integer value, or a MathVariable of datatype INTEGER	The integer reference to the instance of multifield to access.	<b>Required attribute:</b> This attribute is used to specify the particular instance of

TYPE=MULTIFI ELD				
Element	Attributes	Attribute Value	Element Value	Definition
				the multifield to access.

## XML Example

```
<MathVariable VARIABLENAME="CorrectionDateMV"
TYPE="MULTIFIELD" INDEX="1"
DATATYPE="DATE">CorrectionDate</MathVariable>
```