

# iConnect 161212

## Fee Inquiry Transaction Design Approach

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### Project Overview

This enhancement will add support for a fee inquiry transaction to FireLight.

### Features/Requirements

#### Fee Repository Enhancements

The fee repository *queryfee* rule and repository manager will be enhanced to support querying of fee values by number, as an alternative to inputs based on data item names and values for rider type code, client age, etc., via a new **number** attribute (number="1" for the first fee, "2" for the second, etc.). For Rider type fees, a blank dataitemid attribute will match all fees with a tc value other than 207, or a dataitemid attribute ending with \_<tc> will match all fees with the specified tc value.

Support for the following option values will also be added:

- **Description:** For rider fees, returns the FeatureOptProduct.Name value if defined; for fund fees, returns the InvestProduct.FullName property; otherwise returns the Fee.Description property
- **Name:** Returns the Fee.Name property
- **FeeAmt:** Returns the Fee.Amt property or empty string
- **FeePct:** Returns the Fee.FeePct property or empty string
- **Mode:** Returns the Fee.FeeMode property
- **Type:** Returns the Fee.FeeType property
- **ChargeBasedOn:** Returns the Fee.ChargeBasedOn property
- **CommissionRate:** For CST files, returns the Commission\_Rate property
- **CommissionOption:** For CST files, returns the Commission\_Option property
- **ScheduleIdentifier:** For CST files, returns the Schedule\_Identifier property
- **IssueState:** For CST files, returns the Issue\_State property

#### Fee Inquiry Transaction

Add a Fee Inquiry transaction type and related package type. For this transaction type, form entry status is the only supported status / mode. Signatures, review, submission, and completion functionality will be disabled. The only options for the agent are to go to the HOME page or print. The other options will be removed along with Save. Because the transactions will not be saved, they will not display in the history under All Applications View or the Recent Transactions.

## **Use Cases / Workflow Changes**

This change will enable populating a form with all relevant fees for a given product and jurisdiction, irrespective of any selected riders, fund allocations, etc.

## **Database Changes**

## **Admin Changes**

Fee Inquiry transaction included in transaction / available type list in Product & Group profile.

## **App Changes**

Fee Inquiry transaction included in transaction type lists.

## **Integration Changes**

N/A

## **UI Mock Ups**

N/A

## How to Implement This: Sample Rules

The form will have a tag for each of the fees. The query rules has been enhanced to support a dynamic form pulling all of the fees in the PPfA and CST in the order of the PPfA and not a pretagged static form.

The rule to pull the fee data need to reference the fee type, the data you want to pull, and the number (row in the spreadsheet) that you want to pull.

- 1) The number attribute will pull the nth fee in a category:
  - <queryfee number="3" type="Fund" /> (query the 3rd fund fee)
  - <queryfee number="1" type="Policy" /> (query the 1st policy fee)
  - <queryfee dataitemid="FLR\_Fee\_Rider\_207" number="6" type="Rider" /> (query the 6th 207 TC rider fee)
2. You will add the associated attribute, along with the fee type and number, to pull the specific data you want to pull (examples: index, year, Description, Percent, Max fees, Charge based on, Waivers, etc).
  - <queryfee number="3" type="Fund" option="Description" /> (query the 3rd fund name)
  - <queryfee number="2" type="Policy" option="Mode" /> (query the 2nd policy fee mode)
  - <queryfee number="4" type="Rider" option="Name" /> (query the 4th non-207 TC rider fee name)
3. Sample Policy Rules:

Fee Name	Dollar Amount	Percentage Amount, Annualized	Fee Assessment	Calculation Basis	Fee Waiver Condition	Fee Name	Dollar Amount	Percentage Amount, Annualized	Fee Assessment	Calculation Basis	Fee Waiver Condition
PolicyFeeName1	PolicyFeeAmt1	PolicyFeePct1	PolicyFeeMode1	PolicyFeeChargeBasedOn	PolicyFeeWaiverCond1	Annual Contract Fee	50		Annual		75000
PolicyFeeName2	PolicyFeeAmt2	PolicyFeePct2	PolicyFeeMode2	PolicyFeeChargeBasedOn	PolicyFeeWaiverCond2	Annual Rider Charge Rate		1.1	Annual		0
PolicyFeeName3	PolicyFeeAmt3	PolicyFeePct3	PolicyFeeMode3	PolicyFeeChargeBasedOn	PolicyFeeWaiverCond3	Annual Contract Fee	50		Annual		75000
PolicyFeeName4	PolicyFeeAmt4	PolicyFeePct4	PolicyFeeMode4	PolicyFeeChargeBasedOn	PolicyFeeWaiverCond4	Annual Administrative Fee	50		Annual		0

### 3a. Sample Rule to get the 3<sup>rd</sup> Policy Fee Name:

```
<diset dataitemid="PolicyFeeName3">
  <queryfee dataitemid="" type="Policy" number="3" option="Name" />
</diset>
```

### 3b. Sample Rule to get the 1<sup>st</sup> Policy Fee Amount:

```
<diset dataitemid="PolicyFeeAmt1">
  <queryfee dataitemid="" type="Policy" number="1" option="FeeAmt" />
</diset>
```

### 3c. Sample Rule to get the 1<sup>st</sup> Policy Fee ChargeBased On (see as Calculation Basis) in this form:

```
<diset dataitemid="PolicyFeeChargeBasedOn1">
  <queryfee dataitemid="" type="Policy" number="1" option="ChargeBasedOn" />
</diset>
```

#### 4. Sample Rider Rules:

Product Name: Optional Rider Fees as of						Product Name: Optional Rider Fees as of					
Rider Name	Current Charge Dollar Amount	Current Charge Percentage Amount	Maximum Charge Percentage Amount	Calculation Basis	Fee Waiver Condition	Rider Name	Current Charge Dollar Amount	Current Charge Percentage Amount	Maximum Charge Percentage Amount	Calculation Basis	Fee Waiver Condition
RiderName1	RiderChargeAmt1	RiderChargePct1	RiderChargeMaxPct1	RiderChargeBasedOn	RiderChargeWaiverCondition1	Flexible Withdrawal Rider		0.1	0		
RiderName2	RiderChargeAmt2	RiderChargePct2		RiderChargeBasedOn		Guaranteed Minimum Income Benefit (GMIB)		0.2			
RiderName3	RiderChargeAmt3	RiderChargePct3		RiderChargeBasedOn		Guaranteed Minimum Income Benefit (GMIB) Joint Lives DB		0.4			
RiderName4	RiderChargeAmt4	RiderChargePct4		RiderChargeBasedOn				0.5		Benefit amount	
RiderName5	RiderChargeAmt5	RiderChargePct5		RiderChargeBasedOn		DB MAX		0.6		Benefit amount	

##### 4a. Sample Rule to get the 3rd Rider Fee Name:

```
<diset dataitemid="RiderName3">
  <queryfee dataitemid="" type="Rider" number="3" option="Description" />
</diset>
```

##### 4b. Sample Rule to get the 1<sup>st</sup> Rider Fee Waiver Based on:

```
<diset dataitemid="RiderChargeWaiverCondition1">
  <queryfee dataitemid="" type="Rider" number="1" option="WaiverBasedOn" />
</diset>
```

#### 5. Sample Fund Rules:

Product Name: Subaccount Fees as of				Product Name: Subaccount Fees as of			
Fund Name	Current Fee Percentage Annualized	Fee Type	Fee Assessment	Fund Name	Current Fee Percentage Annualized	Fee Type	Fee Assessment
FundFeeName1	FundFeeAmt1	FundFeeType1	FundFeeMode1	Blended Monthly Average	0.1	Net Fund Management Fee	Annual

##### 5a. Sample Rule to get the 1<sup>st</sup> Fund Fee Description:

```
<diset dataitemid="FundFeeName1">
  <queryfee dataitemid="" type="Fund" number="1" option="Description" />
</diset>
```

##### 5b. Sample Rule to get the 1<sup>st</sup> Fund Fee: Amount

```
<diset dataitemid="FundFeeAmt1">
  <queryfee dataitemid="" type="Fund" number="1" option="Amount" />
</diset>
```

6. The surrender charge has 2 ways to be presented.

Product Name:										
9.1,8.19,7.28,6.37,5.46,4.55,3.64,2.73,1.82,0.91,0										
Contingent Deferred Sales Charges as of										
Year	1	2	3	4	5	6	7	8	9	10
Charge	9.1	8.19	7.28	6.37	5.46	4.55	3.64	2.73	1.82	0.91

7. If you want it presented broken out by year, (shown above with the year and charges) you will need both the number and the year in the query. number="1" selects the first 207 rider in the PPfA. year="n" selects the defined year for the surrender charge for that rider.

4a. Sample Rule to pull the first Surrender Charge by Year:

```
<diset dataitemid="Fee_SC_Yr1">
  <queryfee dataitemid="FLR_Fee_Rider_207" year="1" number="1" type="Rider" />
</diset>
```

8. If you want to pull the entire schedule in one data item, (seen above with all of the fees in one data item) remove the year from the query:

5a. Sample Rule to pull the first Surrender Charge in one big data item:

```
<diset dataitemid="Fee_SC_Fee_Schedule">
  <queryfee dataitemid="FLR_Fee_Rider_207" number="1" type="Rider" />
</diset>
```

5b. Sample Rule to get the 1<sup>st</sup> Surrender Charge for year 2 in this form:

```
<diset dataitemid="Fee_SC_Yr2">
  <queryfee dataitemid="FLR_Fee_Rider_207" year="2" number="1" type="Rider"
  option="Amount" />
</diset>
```

## Areas Impacted

System Area	Yes	Comment
<b>Admin Tool</b>		
- <b>Form Library</b>		
- <b>Design Forms</b>		

- Profile Administration	X	
- Reports		
- Deployment		
<b>FireLight App</b>		
- New Application	X	
- Edit Application	X	
- Signature Process		
- Review Queue		
- Quoting		
- Manual Review		
- User Preferences		
- Inbound Integration		
- Outbound Integration		
- PDF Generation		
- Email System		
<b>FireLight Console</b>		
- Windows		
- iOS		
<b>Other Systems</b>		
- DTCC Integration		
- Commission Netting		
- Activity Reporting		
- Fee Repository	X	