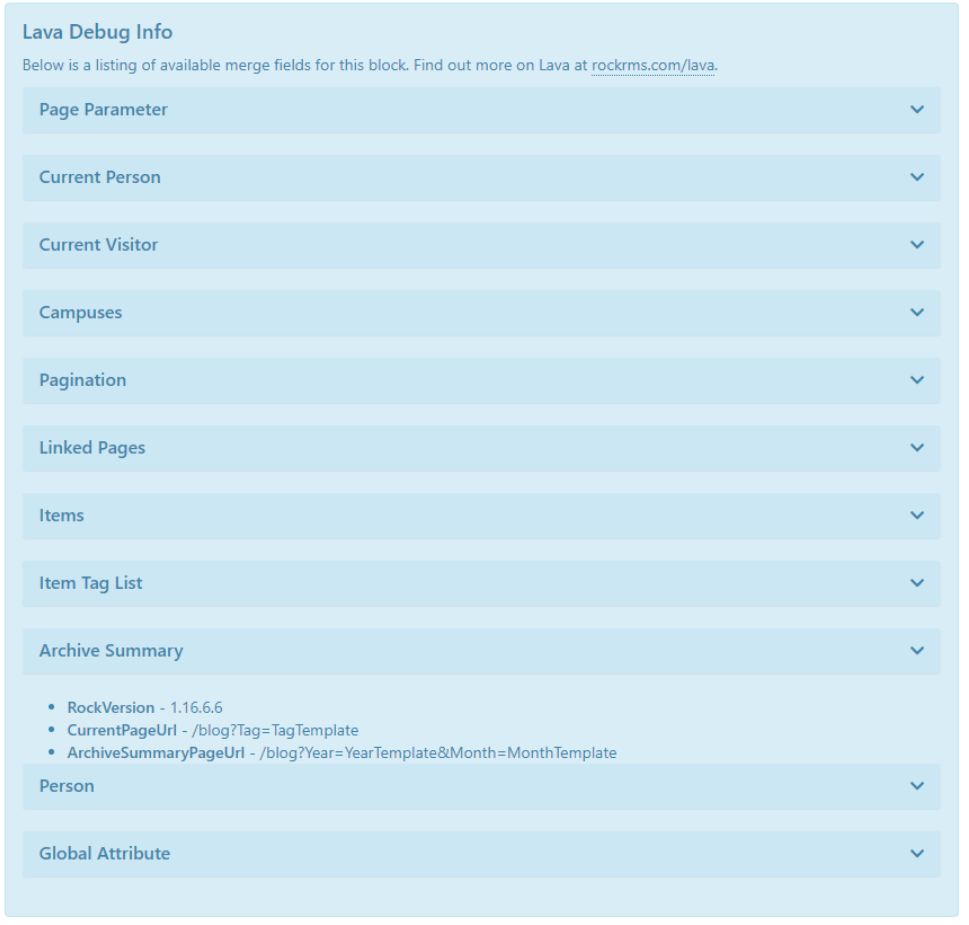
LAVA

10: Entity Command

Automatic Merge Fields

From a Block or Rock Itself

```
{{ 'Lava' | Debug }}
```



What if...

the record I need isn't in the list?

Lava Debug Info

Below is a listing of available merge fields for this block. Find out more on Lava at rockrms.com/lava.

- Page Parameter
- Current Person
- Current Visitor
- Campuses
- Pagination
- Linked Pages
- Items
- Item Tag List
- Archive Summary
  - **RockVersion** - 1.16.6.6
  - **CurrentPageUrl** - /blog?Tag=TagTemplate
  - **ArchiveSummaryPageUrl** - /blog?Year=YearTemplate&Month=MonthTemplate
- Person
- Global Attribute

What if…

the record I need isn’t already provided?

If you need:

- A person:

```
{% assign person = 4 | PersonById %}
```

```
{% assign personAliasGuid = Item | Attribute:'Author','RawValue' %}
{% assign person = personAliasGuid | PersonById %}
```

What if…

the record I need isn’t already provided?

If you need:

- A group:

```
{% assign group = 115 | GroupById %}
```

```
{% assign groupGuid = Item | Attribute:'Group','RawValue' %}
{% assign group = groupGuid | GroupById %}
```

What if…

the record I need isn't already provided?

If you need:

- Another Entity Type:

There are no other "___ById" filters

Commands

```
{% person where:'LastName == "Decker"' %}
```

- Familiar syntax
- Specific to Rock
  - (not available in other adaptions of Liquid)
- Custom filtering

Entity Command

```
{% person where:'LastName == "Decker"' %}
```

Entity Command

```
{% person where:'LastName == "Decker"' %}
```

Entity Command

```
{% person where:'LastName == "Decker"' %}
```

```
{{ personItems }}
```

Entity Command

```
{% person where:'LastName == "Decker"' %}
```

```
{{ personItems }}
```

Entity Command

```
{% person where:'LastName == "Decker"' %}
```

```
    {{ personItems }}
```

```
{% endperson %}
```

Entity Command

```
1  {% person where:'LastName == "Decker"' %}
2
3  {% endperson %}
```

Works for all entity types

By default, this provides a variable named [entity_type]Items, such as personItems.

Entity Command

```
{% person where:'LastName == "Decker"' %}
  <pre>{{ personItems | ToJSON }}</pre>
{% endperson %}
```


Important to Know:

The elements in the array are already full entity records.


```
[
  {
    "Id": 4,
    "NickName": "Ted",
    "FirstName": "Theodore",
    "LastName": "Decker",
    "ConnectionStatusValueId": 65,
    "PhoneNumbers": [ ... ]
  },
  {
    "Id": 5,
    "NickName": "Cindy",
    "FirstName": "Cynthia",
    "LastName": "Decker",
    "ConnectionStatusValueId": 65,
    "PhoneNumbers": [ ... ]
  },
  {
    "Id": 6,
    "NickName": "Noah",
    "FirstName": "Noah",
    "LastName": "Decker",
    "ConnectionStatusValueId": 146,
    "PhoneNumbers": [ ... ]
  },
  {
    "Id": 7,
    "NickName": "Alex",
    "FirstName": "Alexis",
    "LastName": "Decker",
    "ConnectionStatusValueId": 146,
    "PhoneNumbers": [ ... ]
  }
]
```

Entity Command

```
{% person where:'LastName == "Decker"' %}
  {% for individual in personItems %}
    <p>{{ individual.NickName }} ({{ individual | Attribute:'Position' }})</p>
  {% endfor %}
{% endperson %}
```

Ted (Outreach Pastor)
Cindy ()
Noah ()
Alex ()

Entity Command

```
{% person where:'LastName == "Decker"' %}
  {% for person in personItems %}
    <p>{{ person.NickName }} ({{ person | Attribute:'Position' }})</p>
  {% endfor %}
{% endperson %}
```

Ted (Outreach Pastor)
Cindy ()
Noah ()
Alex ()

Entity Command

```
{% person where:'NickName == "Ted"' %}
  {% for person in personItems %}
    <p>{{ person.FullName }} ({{ person | Attribute:'Position' }})</p>
  {% endfor %}
{% endperson %}
```

Remember:

Properties available to Lava can be found on the Model Map

Ted Decker (Outreach Pastor)
Ted Smith ()

Entity Command

```
{% person where:'LastName == "Decker" || Position *= "Pastor"' %}
  <ol>
    {% for person in personItems %}
      <li>{{ person.FullName }} ({{ person | Attribute:'Position' }})</li>
    {% endfor %}
  </ol>
{% endperson %}
```

1. Ted Decker (Outreach Pastor)
2. Cindy Decker ()
3. Noah Decker ()
4. Alex Decker ()
5. Pete Foster (Campus Pastor)

Entity Command Operators

==	Is Equal To
!=	Is Not Equal To
^=	Starts With
*=	Contains
*!	Does Not Contain
$=	Ends With
>	Is Greater Than
>=	Is Greater Than or Equal To
<	Is Less Than
<=	Is Less Than or Equal To
_=	Is Blank
_!	Is Not Blank
&&	Logical AND operator
||	Logical OR operator

Entity Command

```
{% person where:'LastName == "Decker"' %}
  <p>{{ personItems | Size }} records found total. Staff include:</p>
  <ol>
    {% for person in personItems %}
      {% assign positionLength = person | Attribute:'Position' | Size %}
      {% if positionLength > 0 %}
        <li>{{ person.FullName }} ({{ position }})</li>
      {% endif %}
    {% endfor %}
  </ol>
{% endperson %}
```

4 records found total. Staff include:

1. **Ted (Outreach Pastor)**

Entity Command

Property Attribute

```
{% person where:'LastName == "Decker" && Position _! "1"' %}
  <p>{{ personItems | Size }} records found total. Staff Include:</p>
  <ol>
    {% for person in personItems %}
      <li>{{ person.FullName }} ({{ person | Attribute:'Position' }})</li>
    {% endfor %}
  </ol>
{% endperson %}
```

1 records found total. Staff include:

1. **Ted (Outreach Pastor)**

Count

```
{% person where:'Position _! "1"' count:'true' %}
  We have {{ count }} pastors on staff.
{% endperson %}
```

We have 2 pastors on staff.

Count

```
{% person where:'Position _! "1"' count:'true' %}
  We have {{ 'pastor' | ToQuantity:count }} on staff.
{% endperson %}
```

We have 2 pastors on staff.

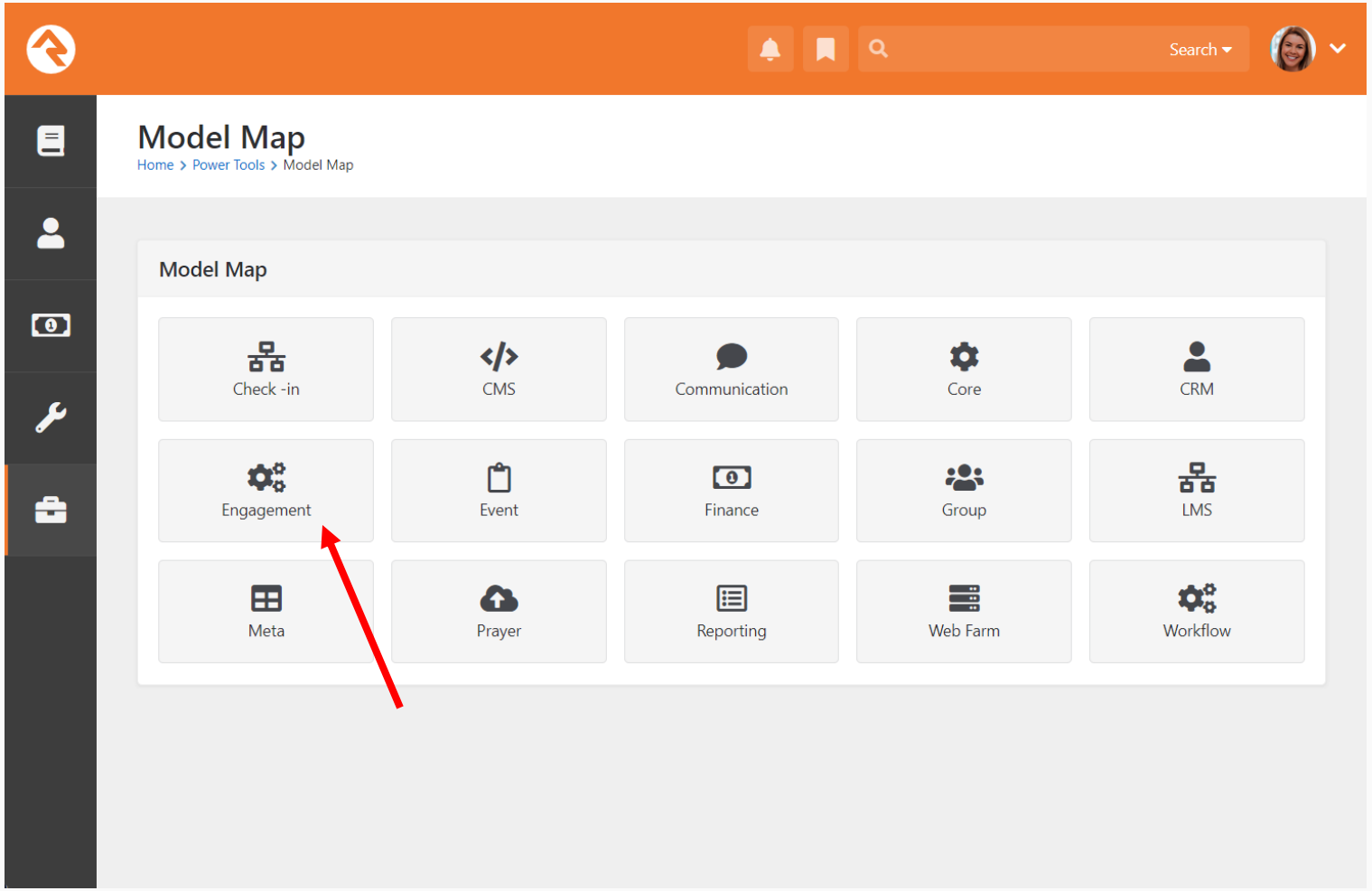
Entities

```
{% connectionrequest where:'ConnectionOpportunityId == "3" && ConnectionStateId == "0"' %}
  <ul>
    {% for request in connectionrequestItems %}
      <li>{{ request.ConnectionStatus.Name }}, created {{ request.CreatedDateTime }}</li>
    {% endfor %}
  </ul>
{% endconnectionrequest %}
```

- **In Progress, created 2/11/2018 12:00:00 AM**

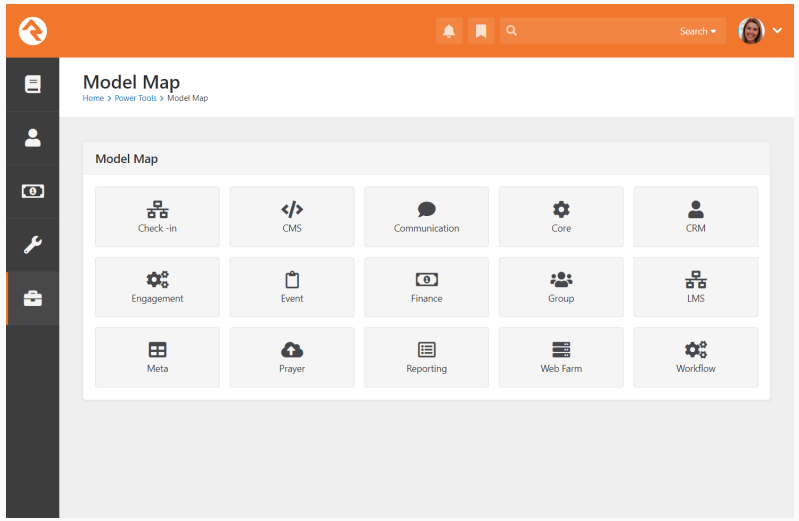
Model Map

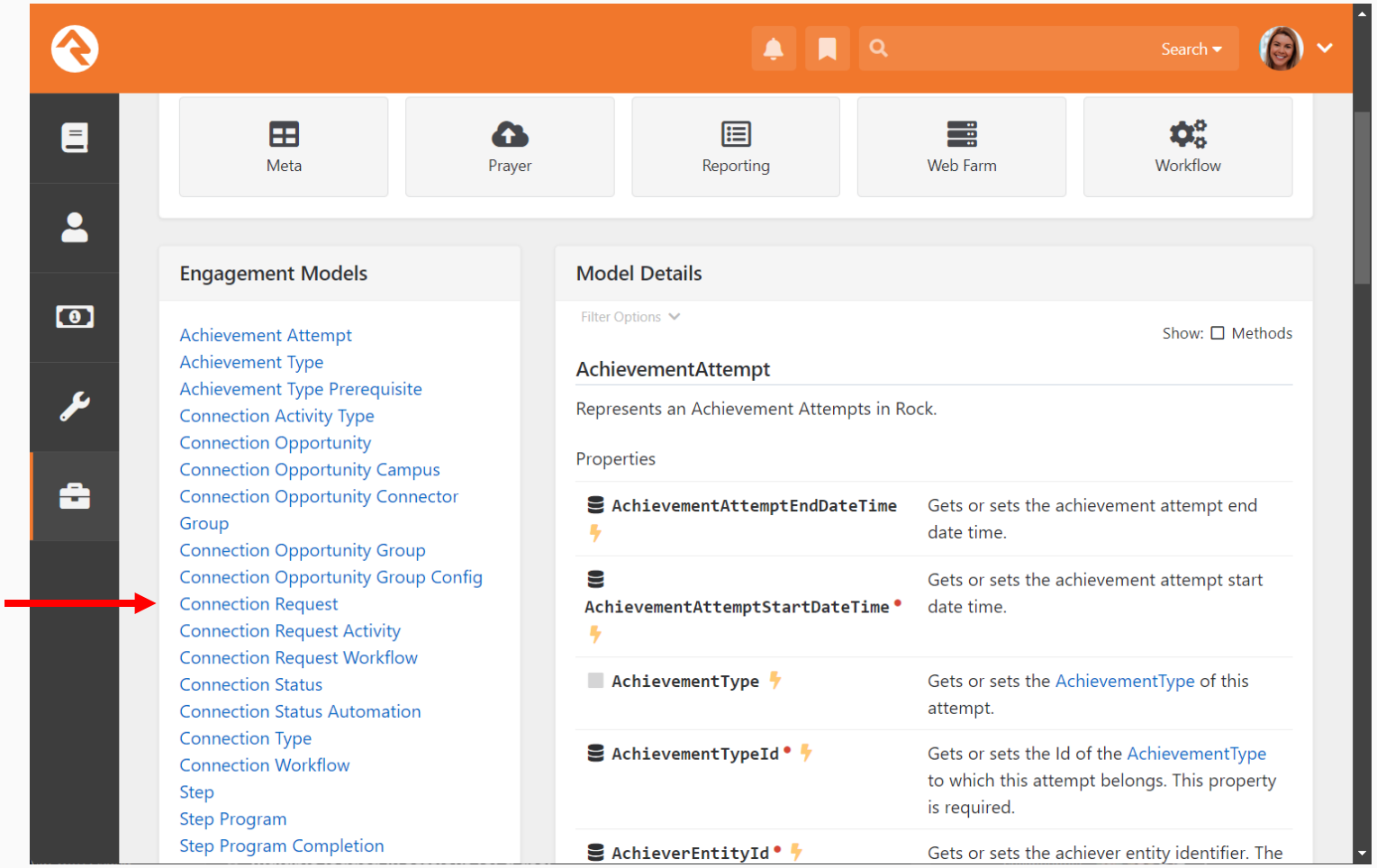
Assemble your Lava templates



Model Map

Assemble your Lava templates

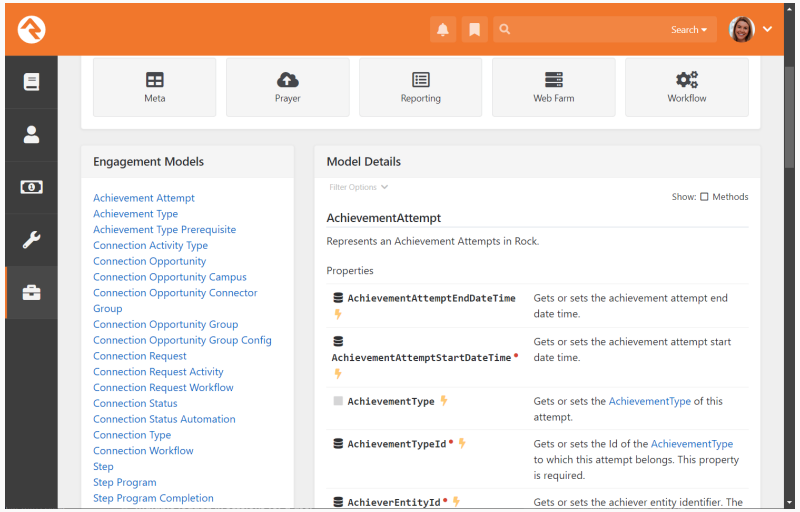


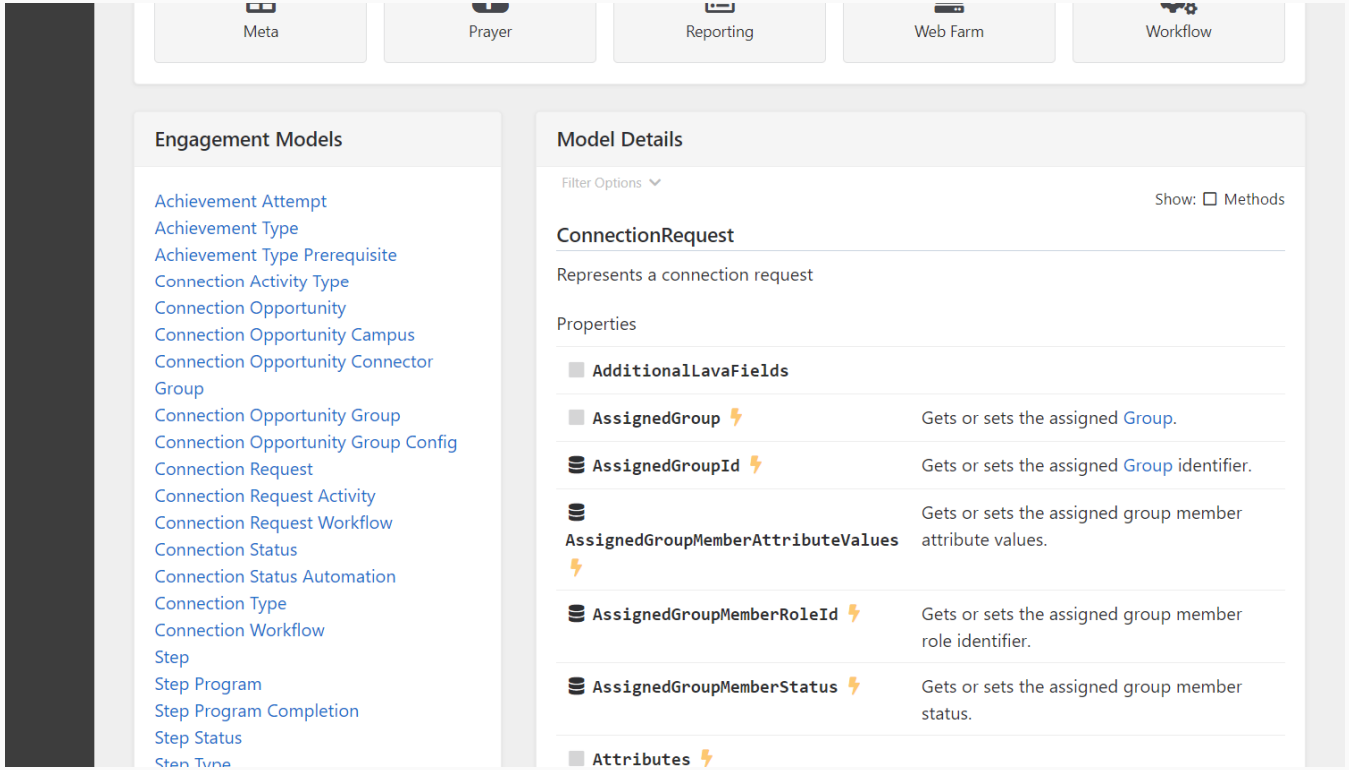


Model Map

Assemble your Lava templates

{{ item

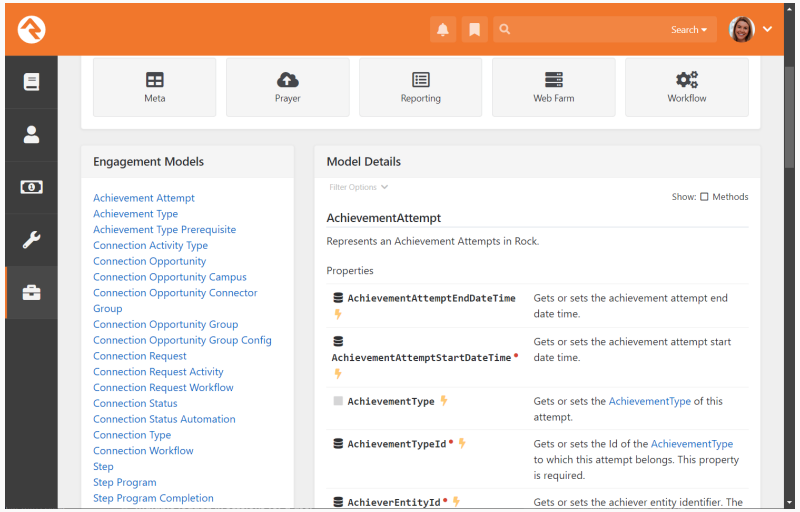


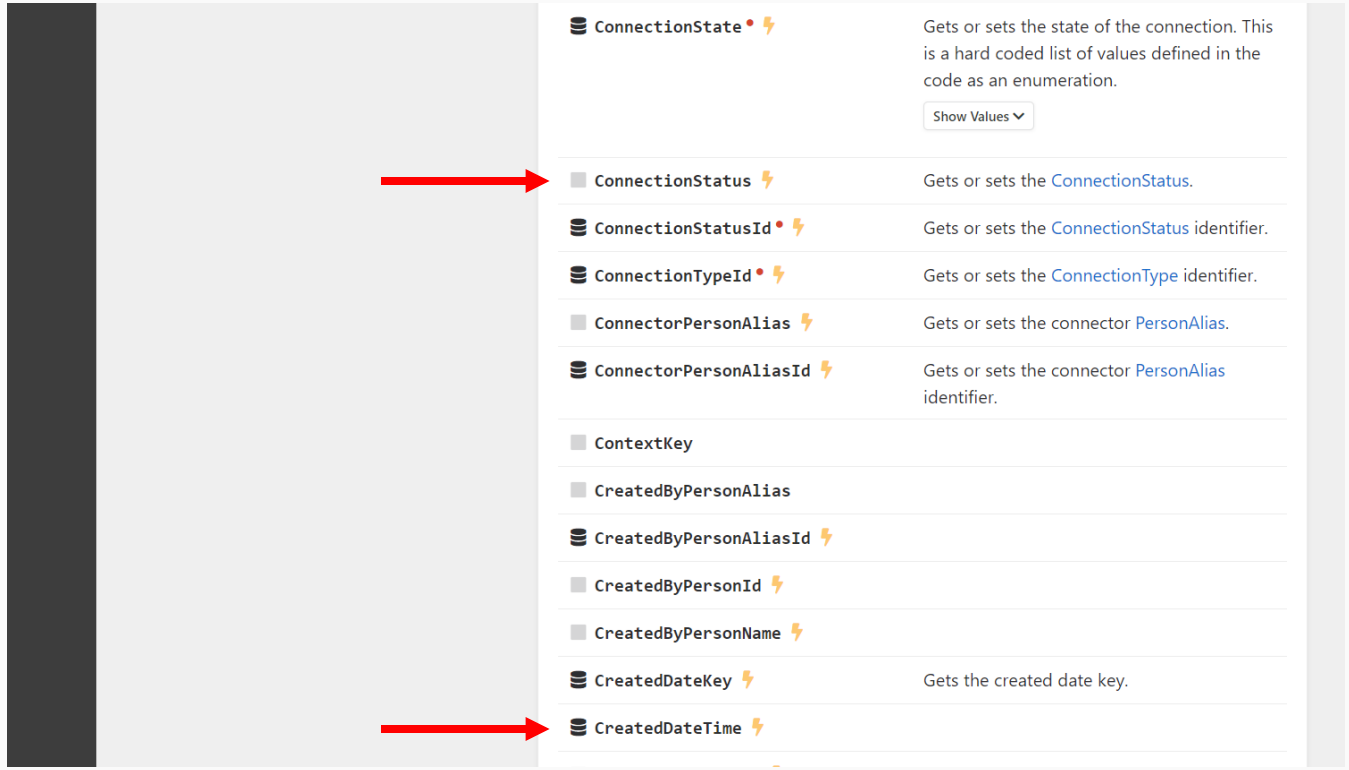


Model Map

Assemble your Lava templates

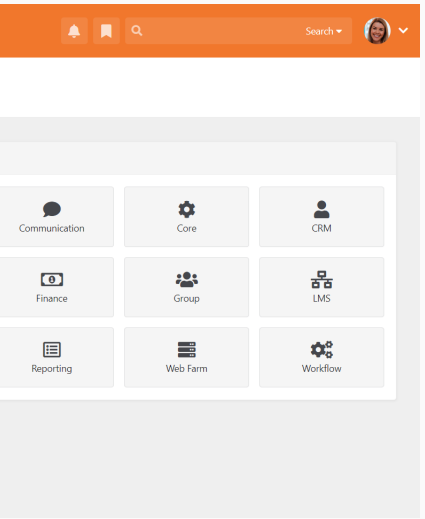
{{ item.ConnectionStatus

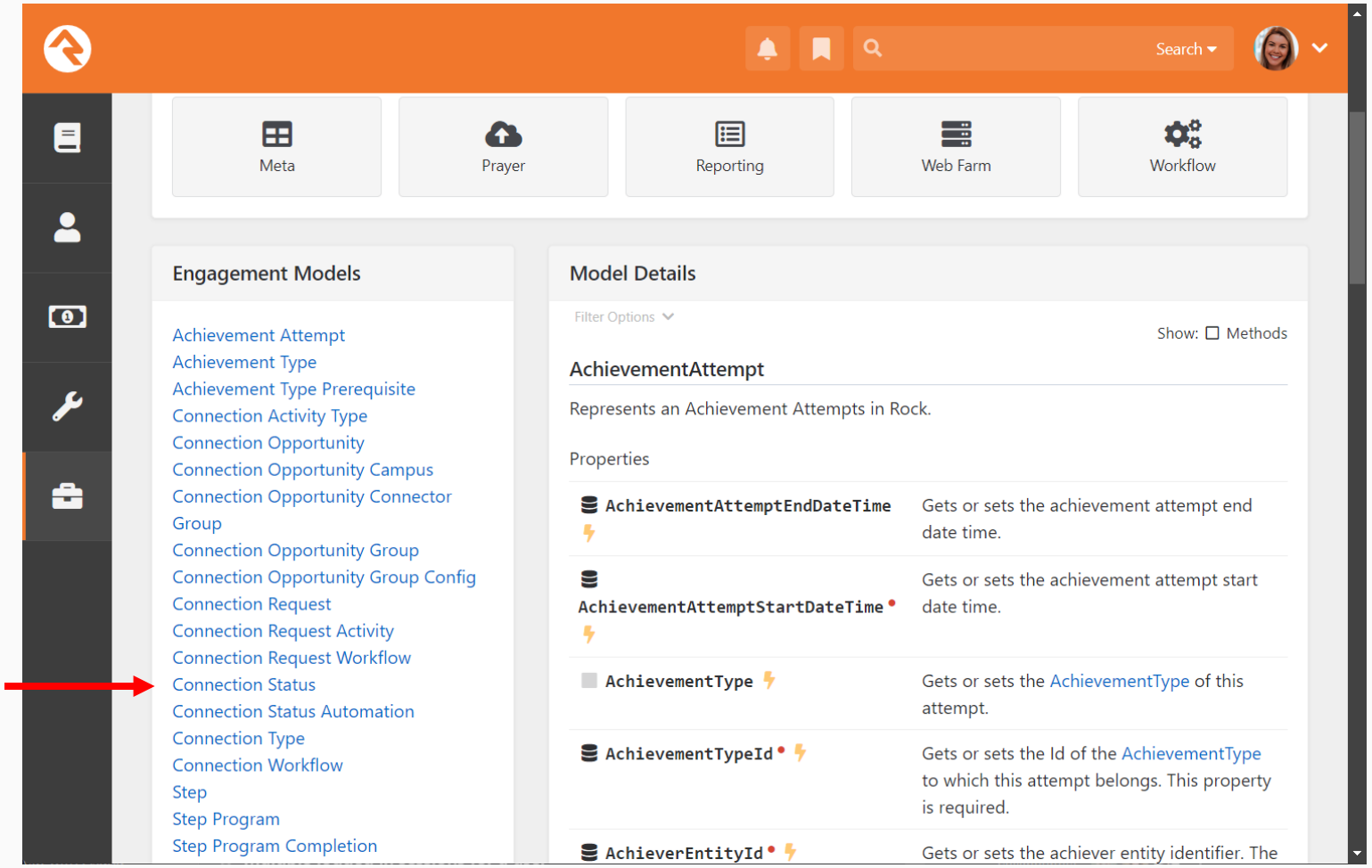


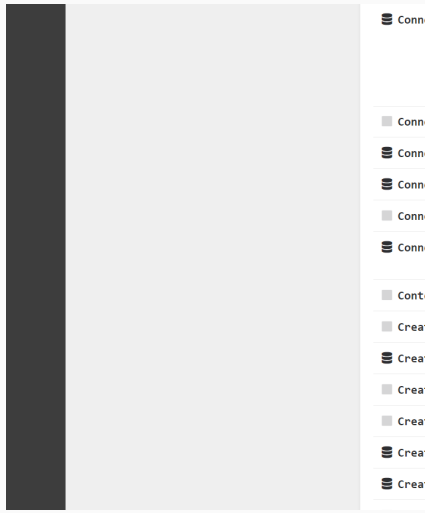


Model Map

Assemble your Lava templates



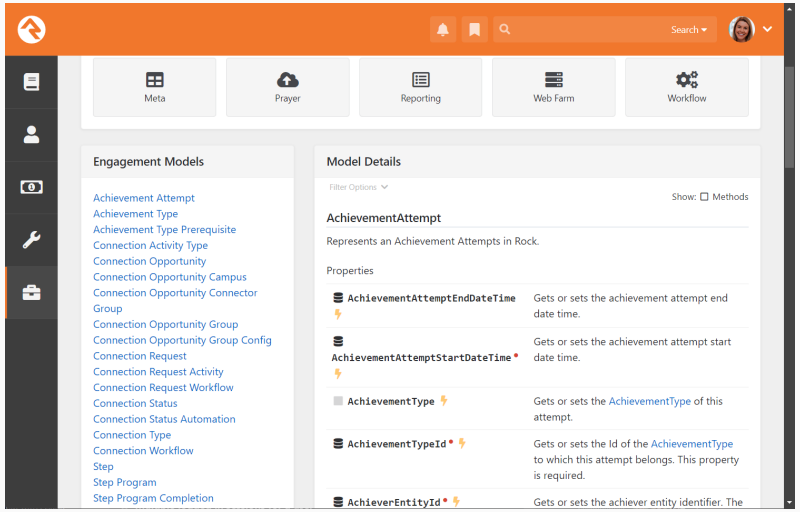


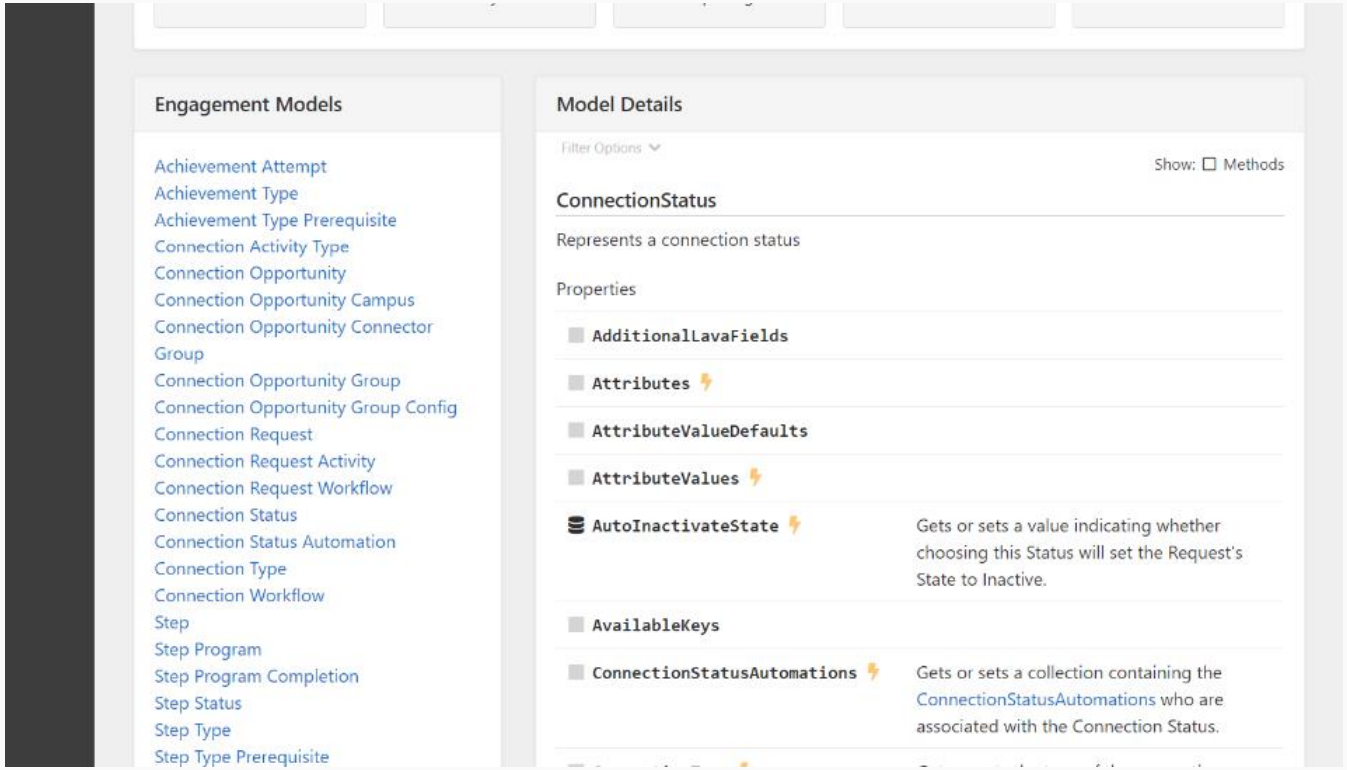


Model Map

Assemble your Lava templates

{{ item.ConnectionStatus

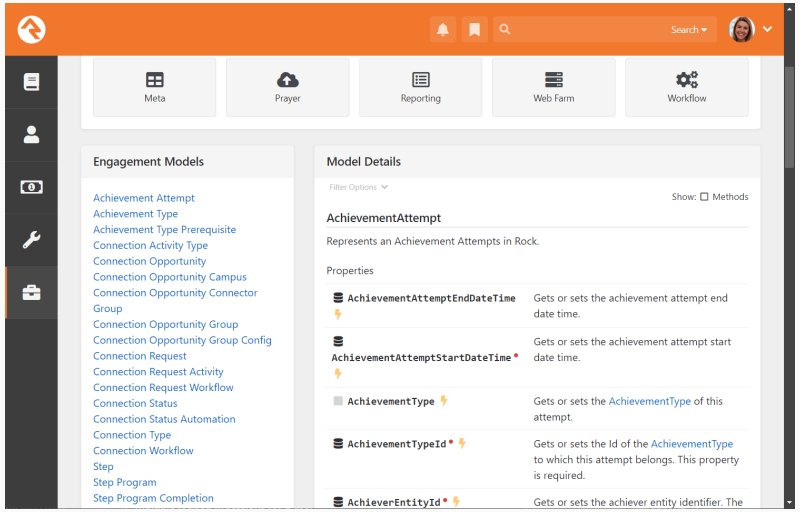


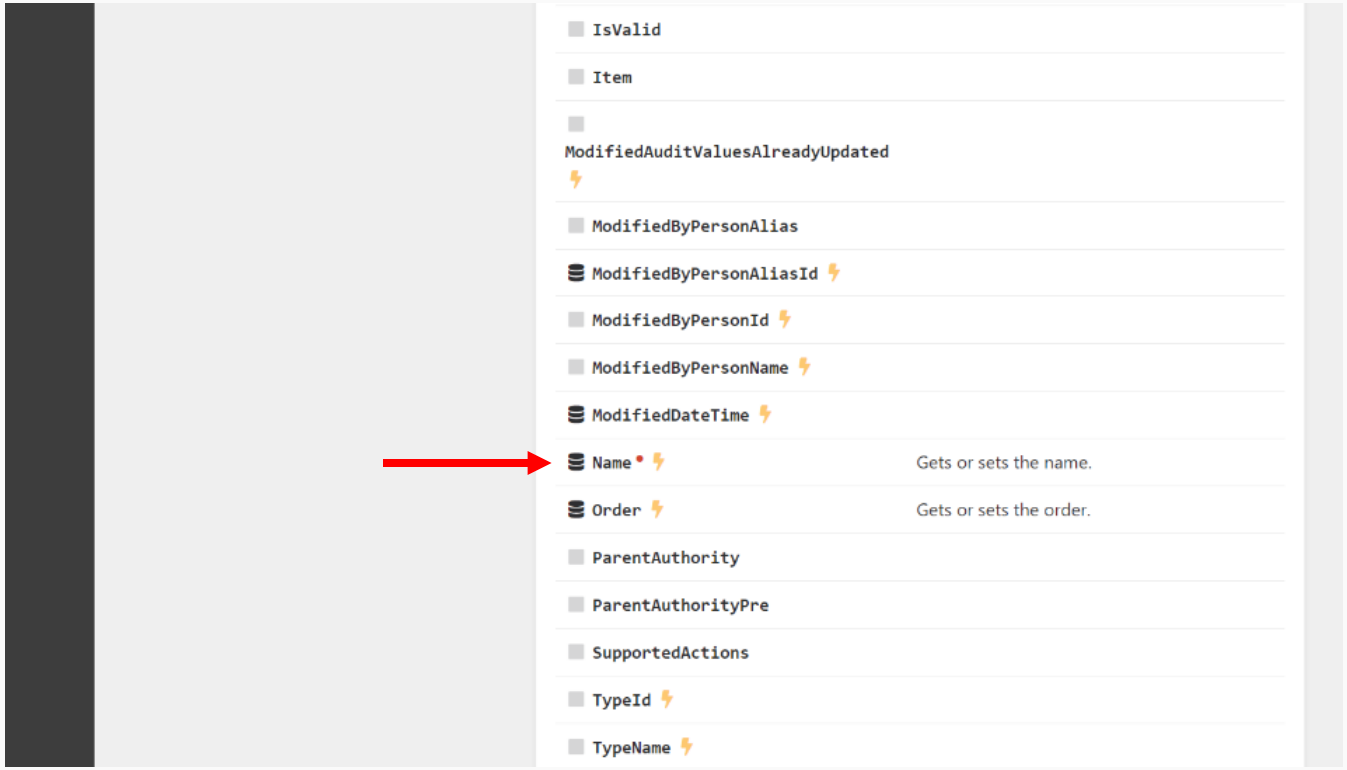


Model Map

Assemble your Lava templates

{{ item.ConnectionStatus.Name }}





Entities

```
1 {% connectionrequest where:'ConnectionOpportunityId == "3" && ConnectionStateId == "0"' %}
2   <ul>
3     {% for request in connectionrequestItems %}
4       <li>{{ request.ConnectionStatus.Name }}, created {{ request.CreatedDateTime }}</li>
5     {% endfor %}
6   </ul>
7 {% endconnectionrequest %}
```

- **In Progress, created 2/11/2018 12:00:00 AM**

Entities

```
{% group where:'GroupTypeId == "10"' %}
  <ul>
    {% for g in groupItems %}
      <li>{{ g.Name }}</li>
    {% endfor %}
  </ul>
{% endgroup %}
```

Id

```
{% person id:'5' %}
  {% for person in personItems %}
    {{ person.FullName }}
  {% endfor %}
{% endperson %}
```

Ted Decker

Id

```
1  {% person id:'5' %}
2    {{ person.FullName }}
3  {% endperson %}
```

Ted Decker

Id

```
{% person ids:'5,6' %}
  <ul>
    {% for p in personItems %}
      <li>{{ p.FullName }}</li>
    {% endfor %}
  </ul>
{% endperson %}
```

- **Ted Decker**
- **Cindy Decker**

Dataview

```
{% person dataview:'1' %}
  <ul>
    {% for p in personItems %}
      <li>{{ p.FullName }}</li>
    {% endfor %}
  </ul>
{% endperson %}
```

- Ted Decker
- Cindy Decker
- Ben Jones
- Jim Simmons
- Sarah Simmons

Dataview

```
{% person dataview:'1' where:'Gender == "Female"' %}
  <ul>
    {% for p in personItems %}
      <li>{{ p.FullName }}</li>
    {% endfor %}
  </ul>
{% endperson %}
```

Sort

```
{% person dataview:'1' where:'Gender == "Female"' sort:'LastName, FirstName desc' %}
  <ul>
    {% for p in personItems %}
      <li>{{ p.FullName }}</li>
    {% endfor %}
  </ul>
{% endperson %}
```

- Cindy Decker
- Alex Decker
- Pamela Foster
- Lorraine Greggs
- Mariah Jackson

Offset and Limit

```
{% person dataview:'1' where:'Gender == "Female"' sort:'LastName, FirstName desc' offset:'5' limit:'5' %}
  <ul>
    {% for p in personItems %}
      <li>{{ p.FullName }}</li>
    {% endfor %}
  </ul>
{% endperson %}
```

- Jenny Michaels
- Becky Peterson
- Sarah Simmons
- Corrie Stone
- Nancy Sweeny

Offset and Limit

```
{% person
  dataview:'1'
  where:'Gender == "Female"'
  sort:'LastName, FirstName desc'
  offset:'5'
  limit:'5' %}
  <ul>
    {% for p in personItems %}
      <li>{{ p.FullName }}</li>
    {% endfor %}
  </ul>
{% endperson %}
```

- Jenny Michaels
- Becky Peterson
- Sarah Simmons
- Corrie Stone
- Nancy Sweeny

Security

```
{% group where:'GroupTypeId == "25" %}
  <ul>
    {% for g in groupItems %}
      <li>{{ g.Name }}</li>
    {% endfor %}
  </ul>
{% endperson %}
```

- Decker Group
- Marble Group
- ASU Student Group

Security

```
{% group where:'GroupTypeId == "25" securityenabled:'false' %}
  <ul>
    {% for g in groupItems %}
      <li>{{ g.Name }}</li>
    {% endfor %}
  </ul>
{% endperson %}
```

- Decker Group
- Marble Group
- ASU Student Group
- Celebrate Recovery – Tuesdays
- Celebrate Recovery – Thursdays

Iterator

```
1 {% group where:'GroupTypeId == "25" securityenabled:'false' iterator:'Groups' %}
2   <ul>
3     {% for group in Groups %}
4       <li>{{ group.Name }}</li>
5     {% endfor %}
6   </ul>
7 {% endperson %}
```

- Decker Group
- Marble Group
- ASU Student Group
- Celebrate Recovery – Tuesdays
- Celebrate Recovery – Thursdays

Power Tools

For Speed and Cross-Entity Filtering

Expression

```
{% step where:'StepTypeId == 2'
        expression:'PersonAlias.Person.AgeClassification == 1'
        securityenabled:'false' %}

    {% for step in stepItems %}
        <ul>
            <li>{{ step.PersonAlias.Person.FullName }}: {{ step.StepStatus }}</li>
        </ul>
    {% endfor %}

{% endstep %}
```

- **Ted Decker: In Progress**
- **Cindy Decker: In Progress**

Expression

```
{% step where:'StepTypeId == 2'
        expression:'PersonAlias.Person.AgeClassification == 1'
        securityenabled:'false' %}

    {% for step in stepItems %}
        <ul>
            <li>{{ step.PersonAlias.Person.FullName }}: {{ step.StepStatus }}</li>
        </ul>
    {% endfor %}

{% endstep %}
```

Lazy Loading

```
{% step where:'StepTypeId == 2'
    expression:'PersonAlias.Person.AgeClassification == 1'
    securityenabled:'false'
    lazyloadenabled:'false' %}

    {% for step in stepItems %}
        <ul>
            <li>{{ step.Id }} {{ step.PersonAlias.Person.FullName }}: {{ step.StepStatus }}</li>
        </ul>
    {% endfor %}

{% endstep %}
```

- 6:
- 7:

Include

```
{% step where:'StepTypeId == 2'
    expression:'PersonAlias.Person.AgeClassification == 1'
    securityenabled:'false'
    lazyloadenabled:'false'
    include:'PersonAlias.Person, StepStatus' %}

{% for step in stepItems %}
    <ul>
        <li>{{ step.PersonAlias.Person.FullName }}: {{ step.StepStatus }}</li>
    </ul>
{% endfor %}

{% endstep %}
```

- **Ted Decker: In Progress**
- **Cindy Decker: In Progress**

Select

```
{% step where:'StepTypeId == 2'
        expression:'PersonAlias.Person.AgeClassification == 1'
        select:'new( PersonAlias.Person.NickName as NickName,
                     PersonAlias.Person.LastName as LastName,
                     StepStatus.Name as Status)'
        securityenabled:'false' %}

    {% for step in stepItems %}
        <ul>
            <li>{{ step.NickName }} {{ step.LastName }}: {{ step.Status }}</li>
        </ul>
    {% endfor %}

{% endstep %}
```

- Ted Decker: In Progress
- Cindy Decker: In Progress

Select

```
{% step where:'StepTypeId == 2'
        expression:'PersonAlias.Person.AgeClassification == 1'
        select:'new{ PersonAlias.Person.FullName as PersonName,
                     StepStatus as Status}'
        securityenabled:'true' %}

    {% for step in stepItems %}
        <ul>
            <li>{{ step.PersonName }}: {{ step.Status }}</li>
        </ul>
    {% endfor %}

{% endstep %}
```

- **Ted Decker: In Progress**
- **Cindy Decker: In Progress**

Select

```
{% step where:'StepTypeId == 2'
    expression:'PersonAlias.Person.AgeClassification == 1'
    select:'new( PersonAlias.Person.NickName as NickName,
                 PersonAlias.Person.LastName as LastName,
                 StepStatus.Name as Status)'
    securityenabled:'false' %}

    <pre>{{ stepItems | ToJSON }}</pre>

{% endstep %}
```

```
[
  {
    "NickName": "Ted",
    "LastName": "Decker",
    "Status": "In Progress"
  },
  {
    "NickName": "Cindy",
    "LastName": "Decker",
    "Status": "In Progress"
  }
]
```

Select

```
{% step where:'StepTypeId == 2'
    expression:'PersonAlias.Person.AgeClassification == 1'
    select:'new{ PersonAlias.Person.NickName as NickName,
                 PersonAlias.Person.LastName as LastName,
                 PersonAlias.Person.PhoneNumbers.Where( NumberTypeValueId == 12 ).Select( new( NumberFormatted as Number )) as Phones,
                 StepStatus.Name as Status}'
    securityenabled:'false' %}

    {% for step in stepItems %}
        <ul>
            <li>{{ step.NickName }} {{ step.LastName}}: {{ step.Phones | First | Property:'Number' }}</li>
        </ul>

    {% endfor %}

{% endstep %}
```

- **Ted Decker: (623) 555-3322**
- **Cindy Decker: (623) 555-3323**

Select Many

```
{% step where:'StepTypeId == 2'
       expression:'PersonAlias.Person.AgeClassification == 1'
       selectmany:'PersonAlias.Person.PhoneNumbers.Select( new( NumberFormatted as Number )).Distinct()'
       securityenabled:'false' %}

    <ul>
        {% for step in stepItems %}
            <li>
                {{ step }}
            </li>
        {% endfor %}
    </ul>

{% endstep %}
```

- { Number = (623) 555-2444 }
- { Number = (623) 555-3322 }
- { Number = (623) 555-3323 }
- { Number = (623) 698-7412 }

Aggregates

```
{% group where:'GroupTypeId == 25'
        select:'new( Name, Members.Count() as MemberCount )'
        securityenabled:'false' %}

        {% for group in groupItems %}
            <ul>
                <li>
                    {{ group.Name }}: {{ group.MemberCount }}
                </li>
            </ul>
        {% endfor %}

{% endgroup %}
```

- Decker Group: 4
- Alisha Marble’s Group: 3
- Marble Group: 13
- Pete's Group: 4
- ASU Student Group: 2 …

Aggregates

```
{% group where:'GroupTypeId == 25'
        expression:'Members.Count() == 4'
        select:'new( Name, Members.Count() as MemberCount )'
        securityenabled:'false' %}

        {% for group in groupItems %}
            <ul>
                <li>
                    {{ group.Name }}: {{ group.MemberCount }}
                </li>
            </ul>
        {% endfor %}

{% endgroup %}
```

- Decker Group: 4
- Pete's Group: 4

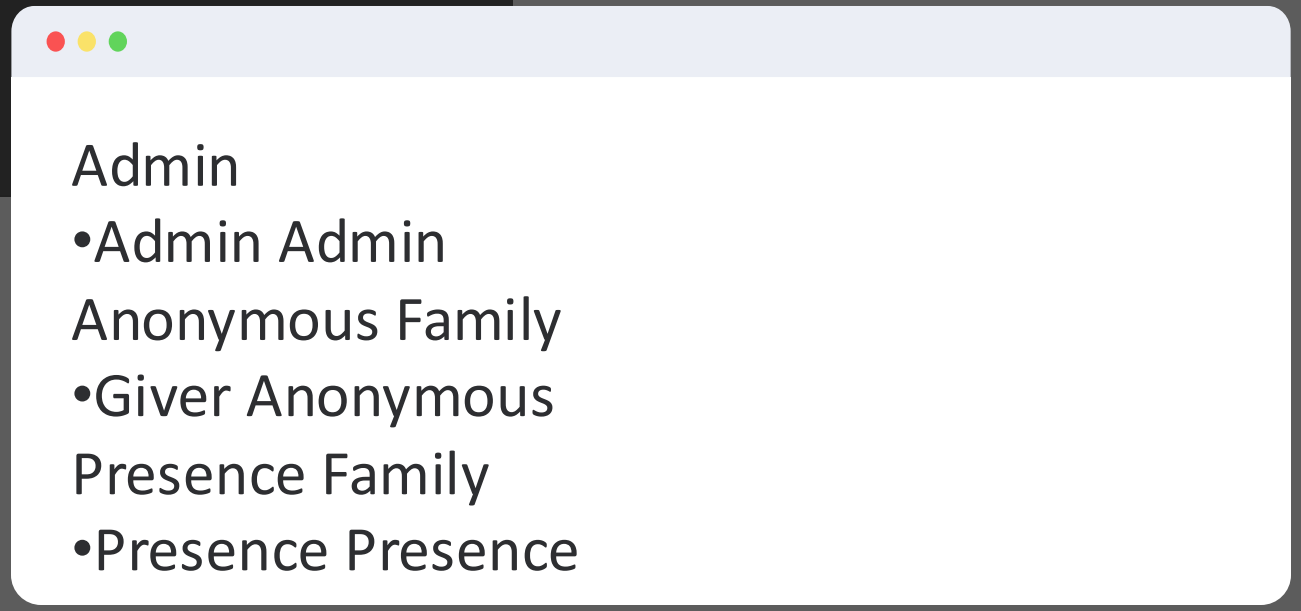
Groupby

```
{% groupmember groupby:'new( GroupId, Group.Name)'
    where:'GroupTypeId == 10'
    select:'new( Key as Key, It as GroupMembers)'
    securityenabled:'false'
    limit:3 %}

    {% for family in groupmemberItems %}
        {{ family.Key.Name }}
        <ul>
        {% for member in family.GroupMembers %}
            <li>{{ member.Person.NickName }} {{ member.Person.LastName }}</li>
        {% endfor %}
        </ul>

    {% endfor %}

{% endgroupmember %}
```



Groupby

```
{% groupmember groupby:'new( GroupId, Group.Name)'
               where:'GroupTypeId == 10'
               select:'new( Key as Key,
                       Select( new(Person.Nickname as NickName, Person.LastName as LastName ) ) as GroupMembers )'
               securityenabled:'false'
               limit:3 %}

{% for family in groupmemberItems %}
    <p>{{ family.Key.Name }}</p>
    <ul>
        {% for member in family.GroupMembers %}
            <li>{{ member.NickName }} {{ member.LastName }}</li>
        {% endfor %}
    </ul>
{% endfor %}

{% endgroupmember %}
```

Admin
•Admin Admin
Anonymous Family
•Giver Anonymous
Presence Family
•Presence Presence

Groupby with Aggregates

```
{% groupmember groupby:'new( GroupId, Group.Name)'
               where:'GroupTypeId == 10'
               select:'new( Key as Key, Count() as MemberCount )'
               securityenabled:'false'
               limit:3 %}

{% for family in groupmemberItems %}
    {{ family.Key.Name }}: {{ family.MemberCount }}<br/>

{% endfor %}

{% endgroupmember %}
```

Admin: 1
Anonymous Family: 1
Presence Family: 1

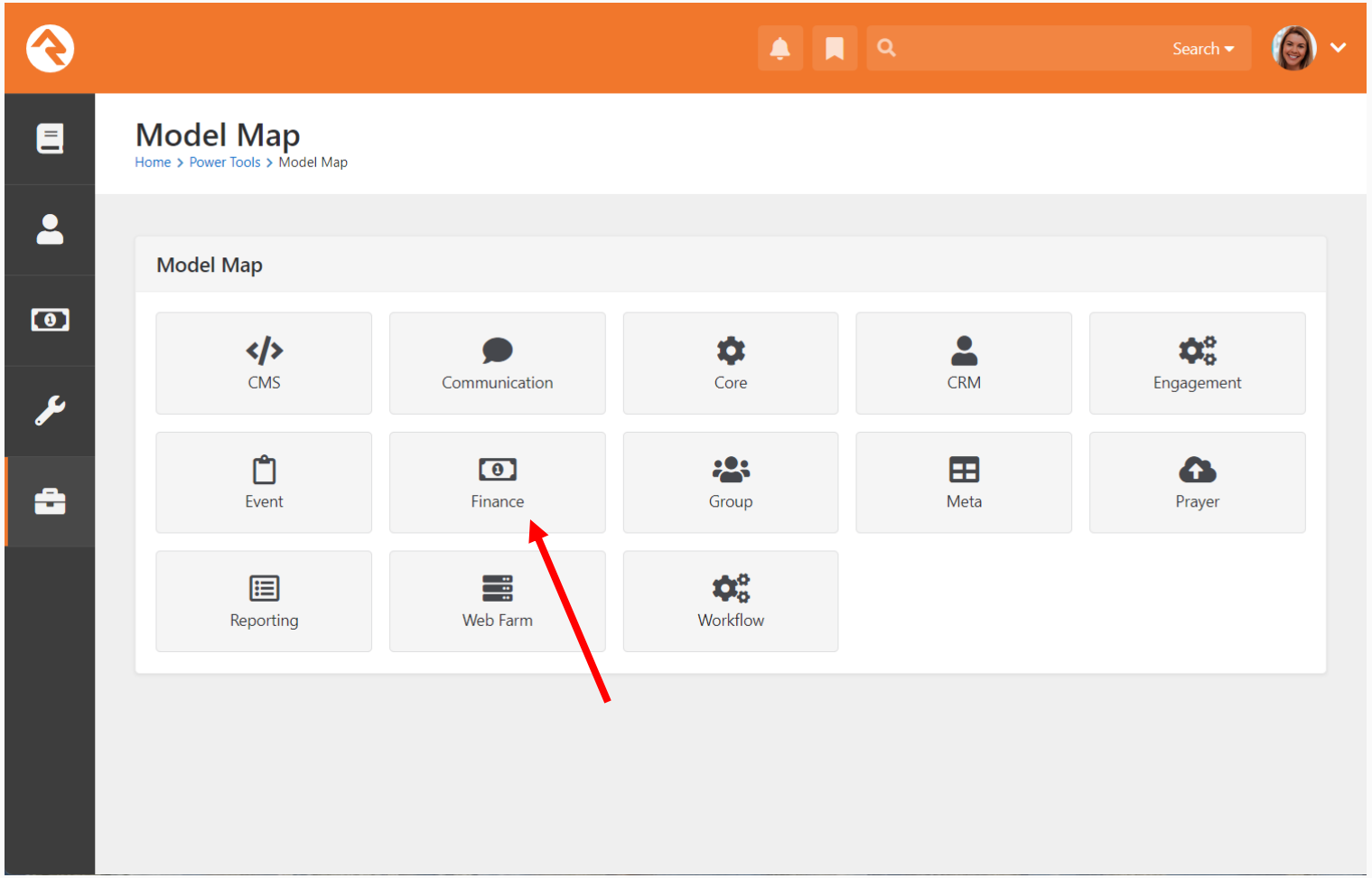
My attempts to show the expression clause are getting too complicated

I think I need to throw away everything below and go back to the approach Jon used in https://www.triumph.tech/videos/entity-commands-20

Maybe get all of a person's connection request activities, to give variety over the FinancialTransaction examples that have been done…?

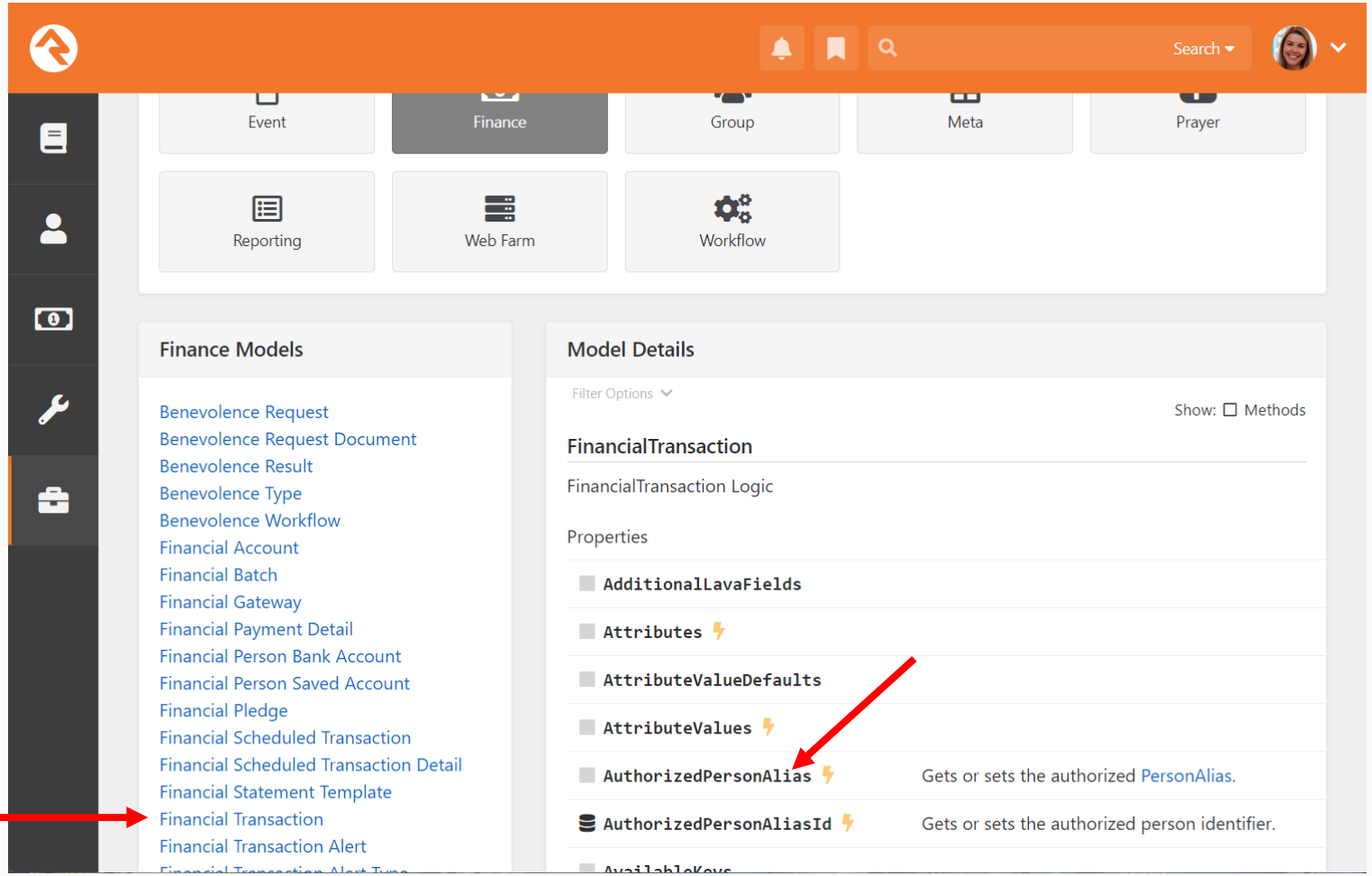
“How can I…”

… get a person’s Financial Transactions?



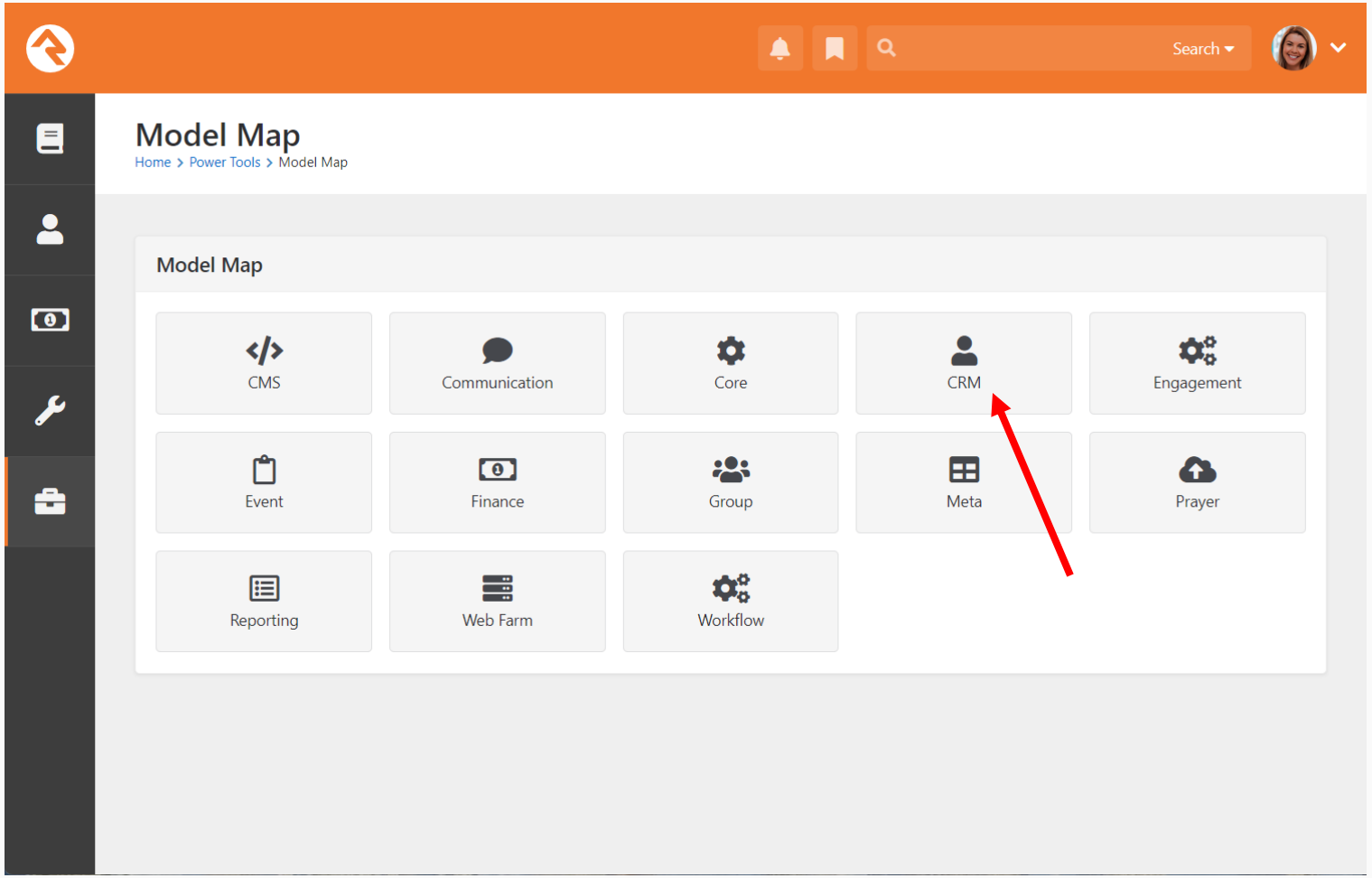
“How can I…”

… get a person’s Financial Transactions?



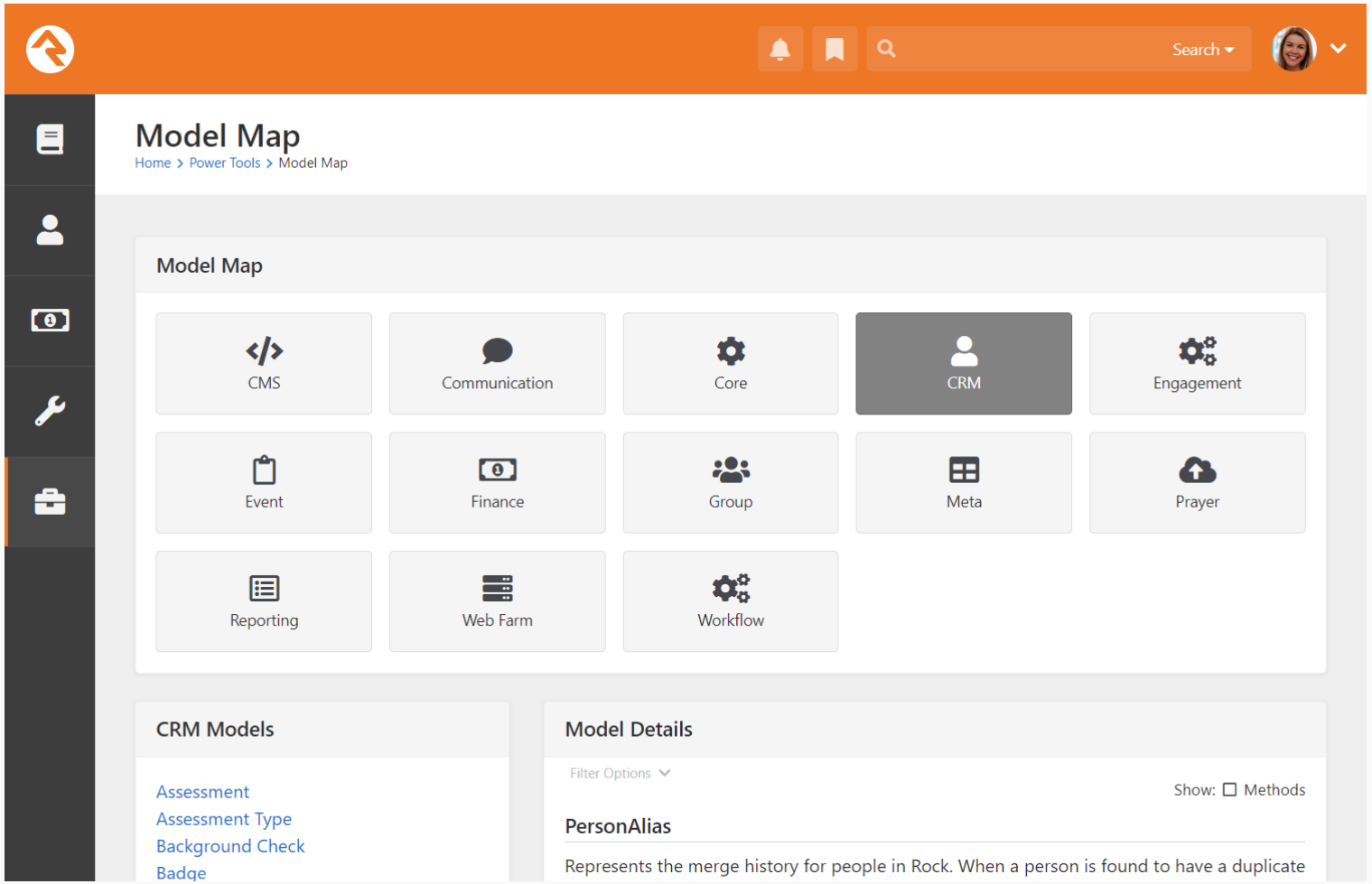
“How can I…”

… get a person’s Financial Transactions?



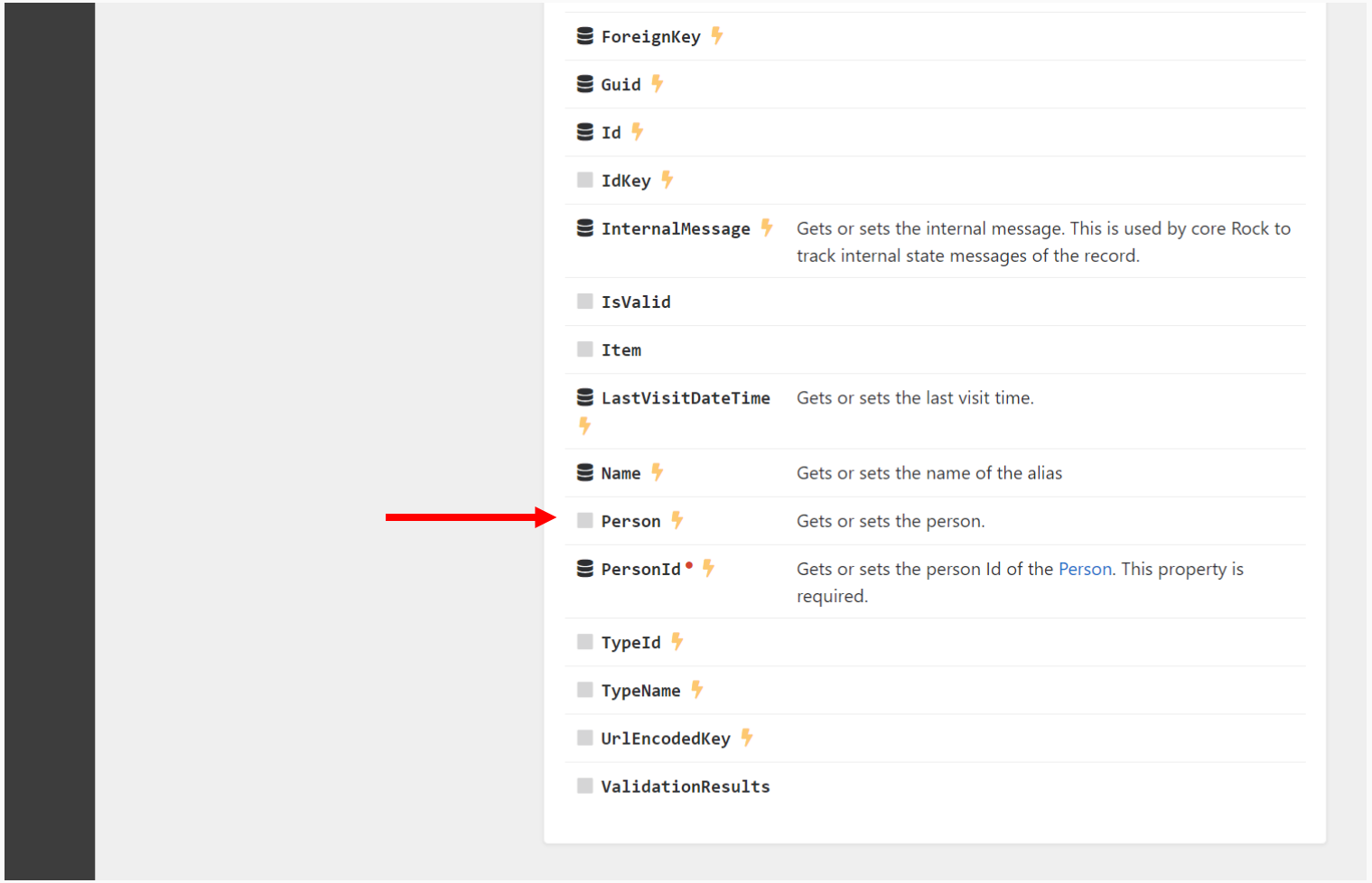
“How can I…”

… get a person’s Financial Transactions?



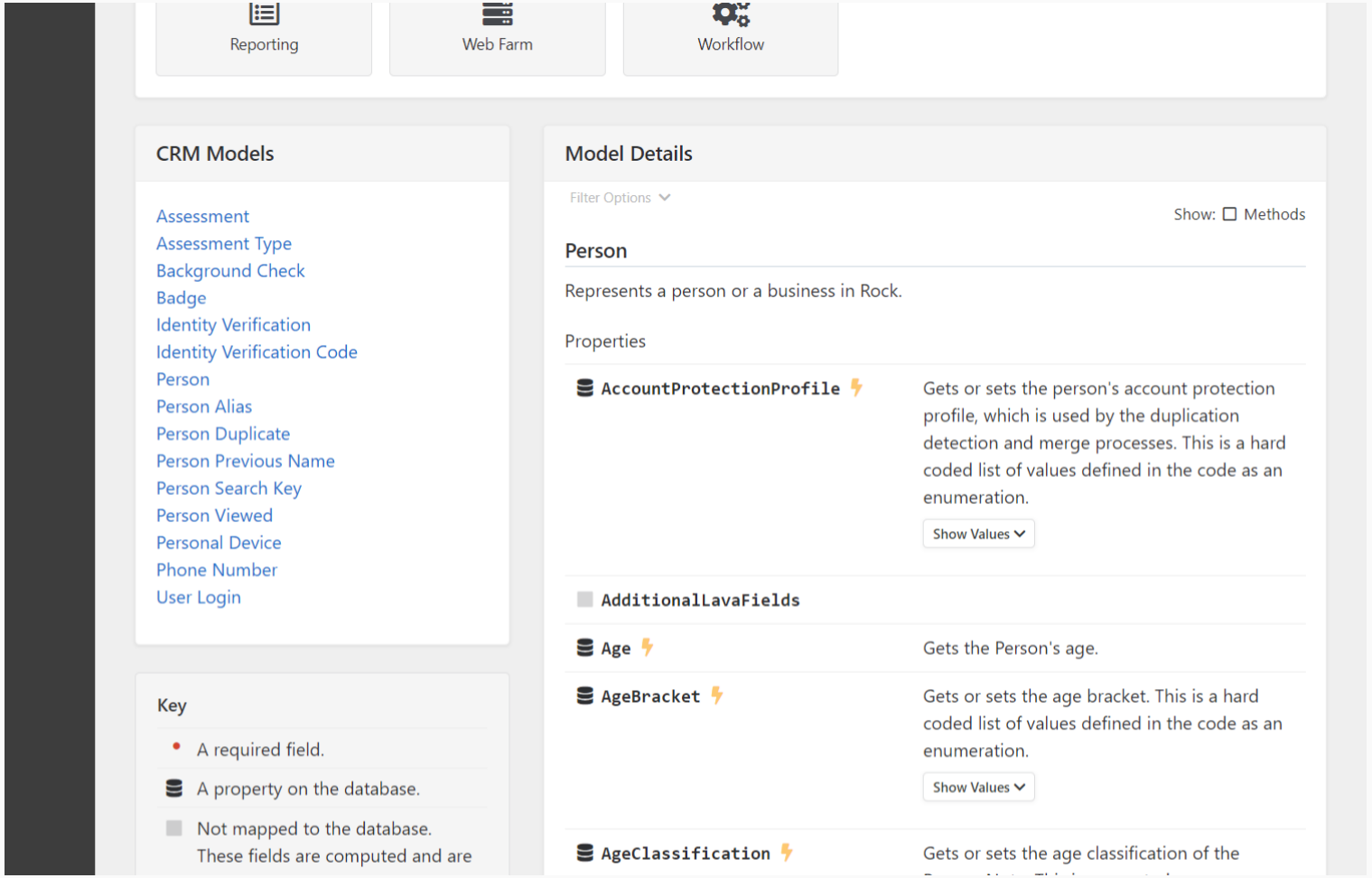
“How can I…”

… get a person’s Financial Transactions?



“How can I…”

… get a person’s Financial Transactions?



“How can I…”

… get a person’s Financial Transactions?

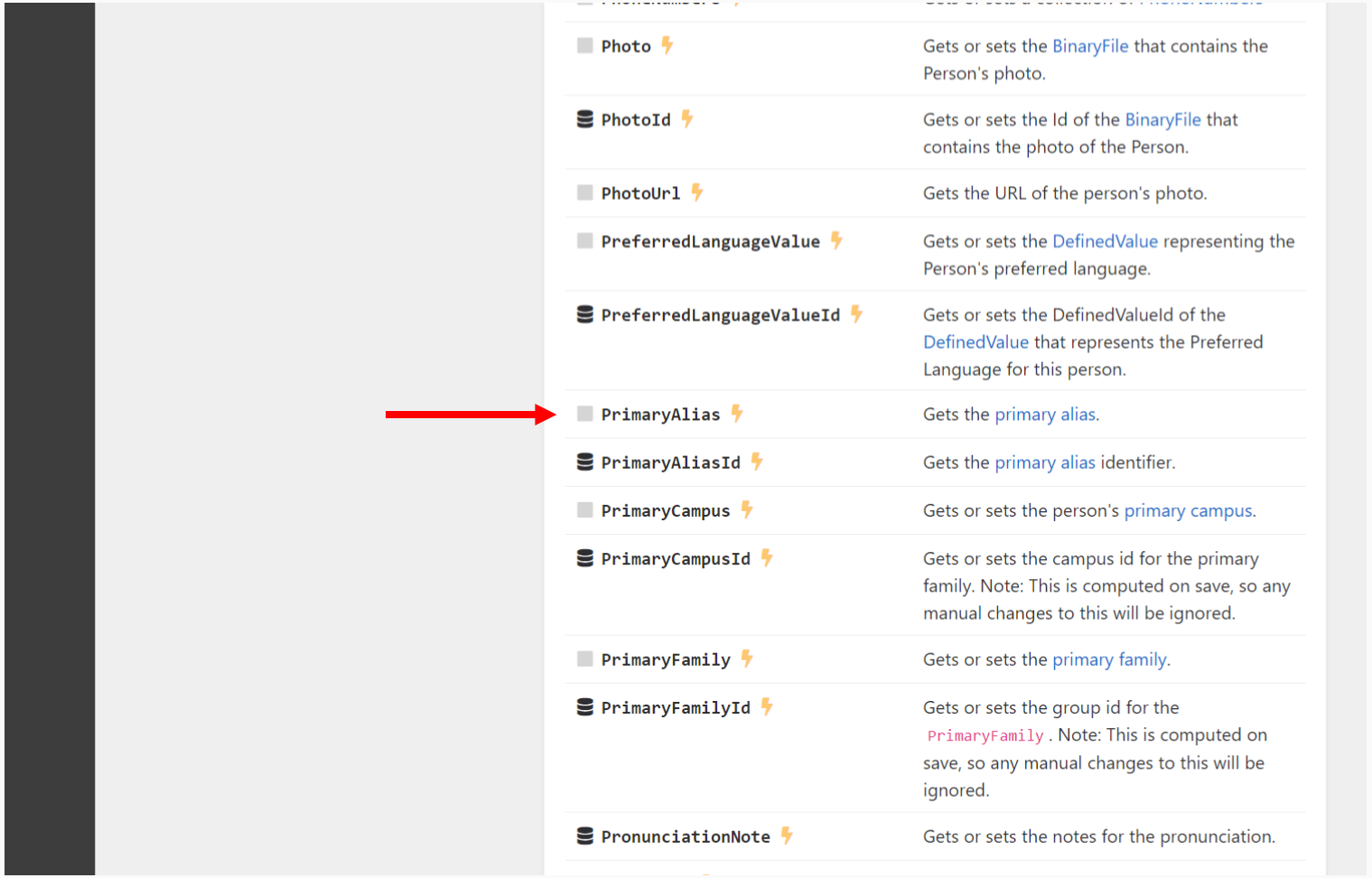
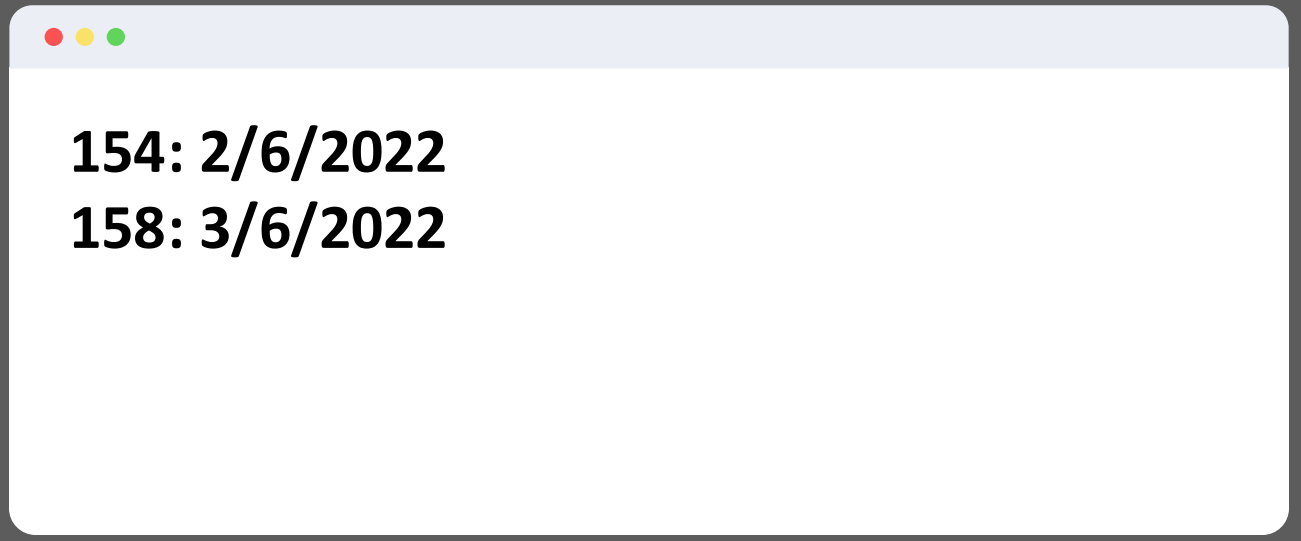


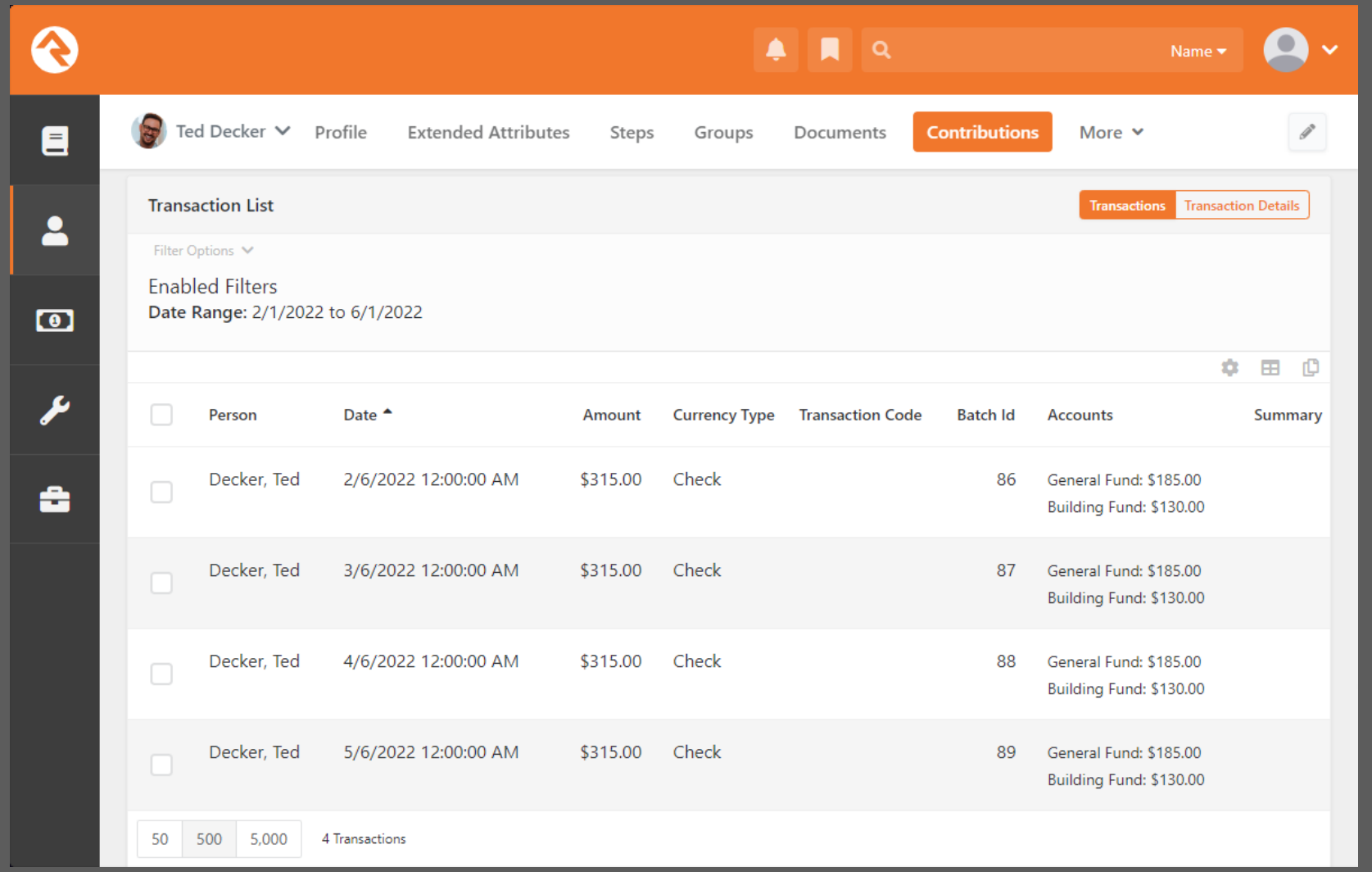
Photo	Gets or sets the BinaryFile that contains the Person's photo.
PhotoId	Gets or sets the Id of the BinaryFile that contains the photo of the Person.
PhotoUrl	Gets the URL of the person's photo.
PreferredLanguageValue	Gets or sets the DefinedValue representing the Person's preferred language.
PreferredLanguageValueId	Gets or sets the DefinedValueId of the DefinedValue that represents the Preferred Language for this person.
PrimaryAlias	Gets the primary alias.
PrimaryAliasId	Gets the primary alias identifier.
PrimaryCampus	Gets or sets the person's primary campus.
PrimaryCampusId	Gets or sets the campus id for the primary family. Note: This is computed on save, so any manual changes to this will be ignored.
PrimaryFamily	Gets or sets the primary family.
PrimaryFamilyId	Gets or sets the group id for the `PrimaryFamily`. Note: This is computed on save, so any manual changes to this will be ignored.
PronunciationNote	Gets or sets the notes for the pronunciation.

Partial Solution

```
{% financialtransaction
  where:'AuthorizedPersonAliasId == "{{ CurrentPerson.PrimaryAliasId }}"'
  iterator:'Transactions'
  securityenabled:'false'
%}
  {% for transaction in Transactions %}
    <p>{{ transaction.Id }}: {{ transaction.TransactionDateTime | Date:'M/d/yyyy' }}</p>
  {% endfor %}
{% endfinancialtransaction %}
```



Partial Solution



154: 2/6/2022
158: 3/6/2022

???

Let’s look at the Person Alias records

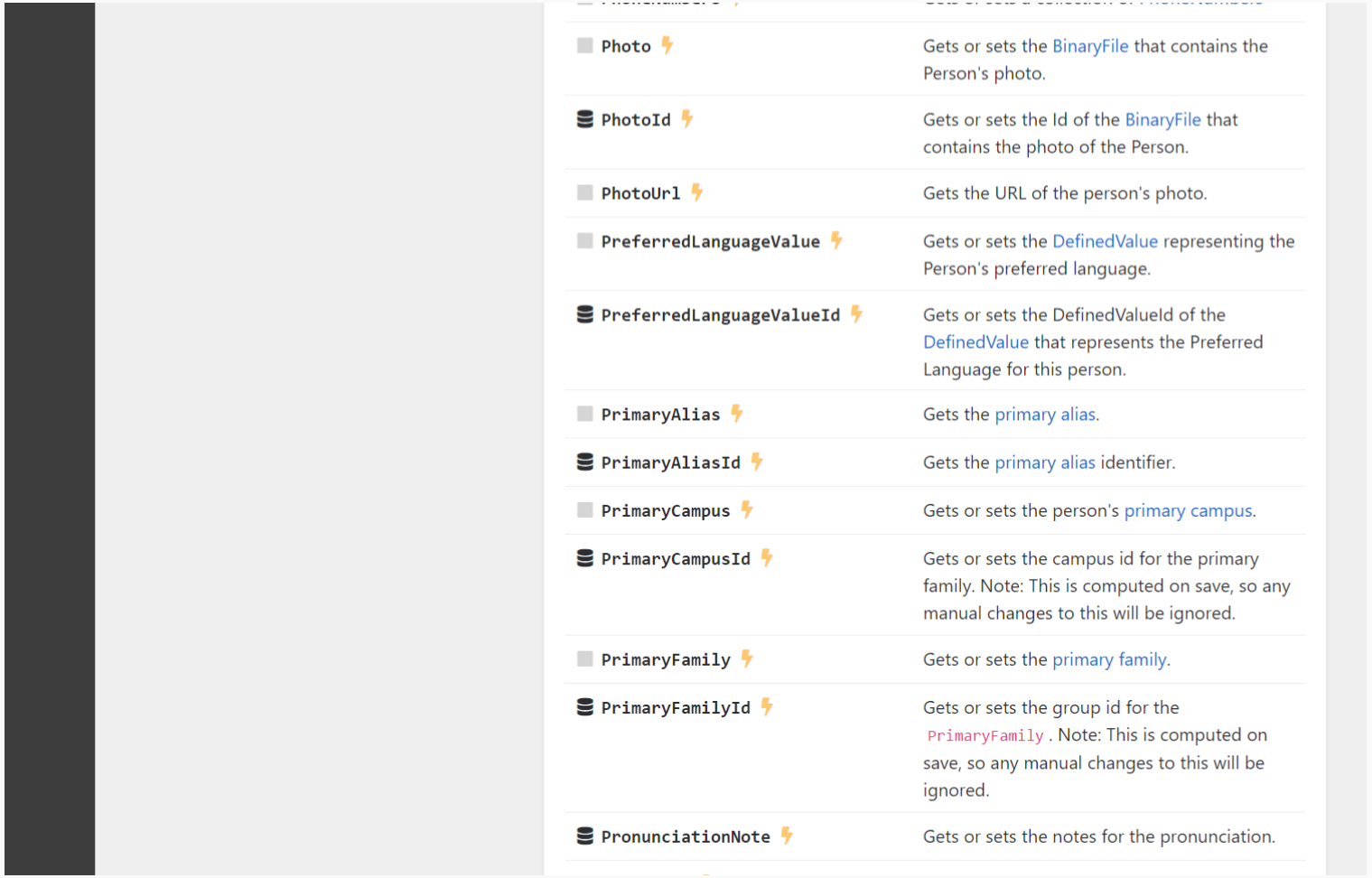
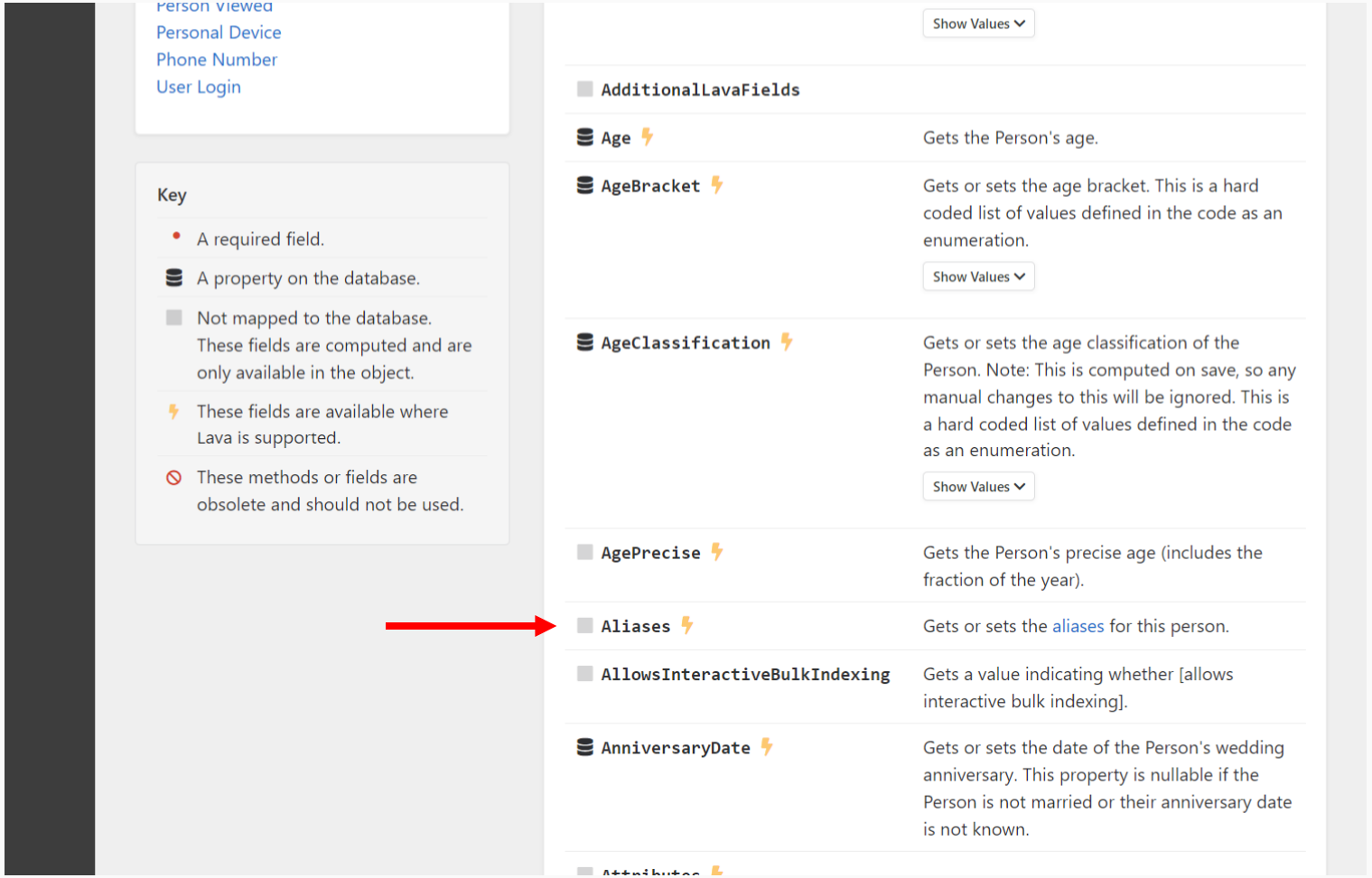


Photo	Gets or sets the BinaryFile that contains the Person's photo.
PhotoId	Gets or sets the Id of the BinaryFile that contains the photo of the Person.
PhotoUrl	Gets the URL of the person's photo.
PreferredLanguageValue	Gets or sets the DefinedValue representing the Person's preferred language.
PreferredLanguageValueId	Gets or sets the DefinedValueId of the DefinedValue that represents the Preferred Language for this person.
PrimaryAlias	Gets the primary alias.
PrimaryAliasId	Gets the primary alias identifier.
PrimaryCampus	Gets or sets the person's primary campus.
PrimaryCampusId	Gets or sets the campus id for the primary family. Note: This is computed on save, so any manual changes to this will be ignored.
PrimaryFamily	Gets or sets the primary family.
PrimaryFamilyId	Gets or sets the group id for the `PrimaryFamily`. Note: This is computed on save, so any manual changes to this will be ignored.
PronunciationNote	Gets or sets the notes for the pronunciation.

Let’s look at the Person Alias records



Person Aliases

Person

- Id: 5
- FirstName: Theodore
- NickName: Ted
- LastName: Decker

PersonAlias

- Id: 16
- PersonId: 5
- …

Financial Transaction

- Id: 154
- Date: 2/6/2022
- PersonAliasId: 16

- Id: 158
- Date: 3/6/2022
- PersonAliasId: 16

Person Aliases

Person

```
Id: 5
FirstName: Theodore
NickName: Ted
LastName: Decker
```

PersonAlias

```
Id: 16
PersonId: 5
…
```

Financial Transaction

```
Id: 154
Date: 2/6/2022
PersonAliasId: 16
```

```
Id: 158
Date: 3/6/2022
PersonAliasId: 16
```

Person

```
Id: 20
FirstName: Teo
NickName: Teo
LastName: Decker
```

PersonAlias

```
Id: 29
PersonId: 20
…
```

Financial Transaction

```
Id: 161
Date: 4/6/2022
PersonAliasId: 29
```

```
Id: 163
Date: 5/6/2022
PersonAliasId: 29
```

Person Aliases

Person

Id: 5

FirstName: Theodore

NickName: Ted

LastName: Decker

PersonAlias

Id: 16

PersonId: 5

…

Financial Transaction

Id: 154

Date: 2/6/2022

PersonAliasId: 16

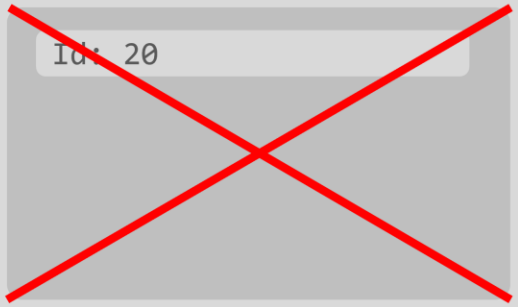
Id: 158

Date: 3/6/2022

PersonAliasId: 16

Person

Id: 20



PersonAlias

Id: 29

PersonId: 5

…

Financial Transaction

Id: 161

Date: 4/6/2022

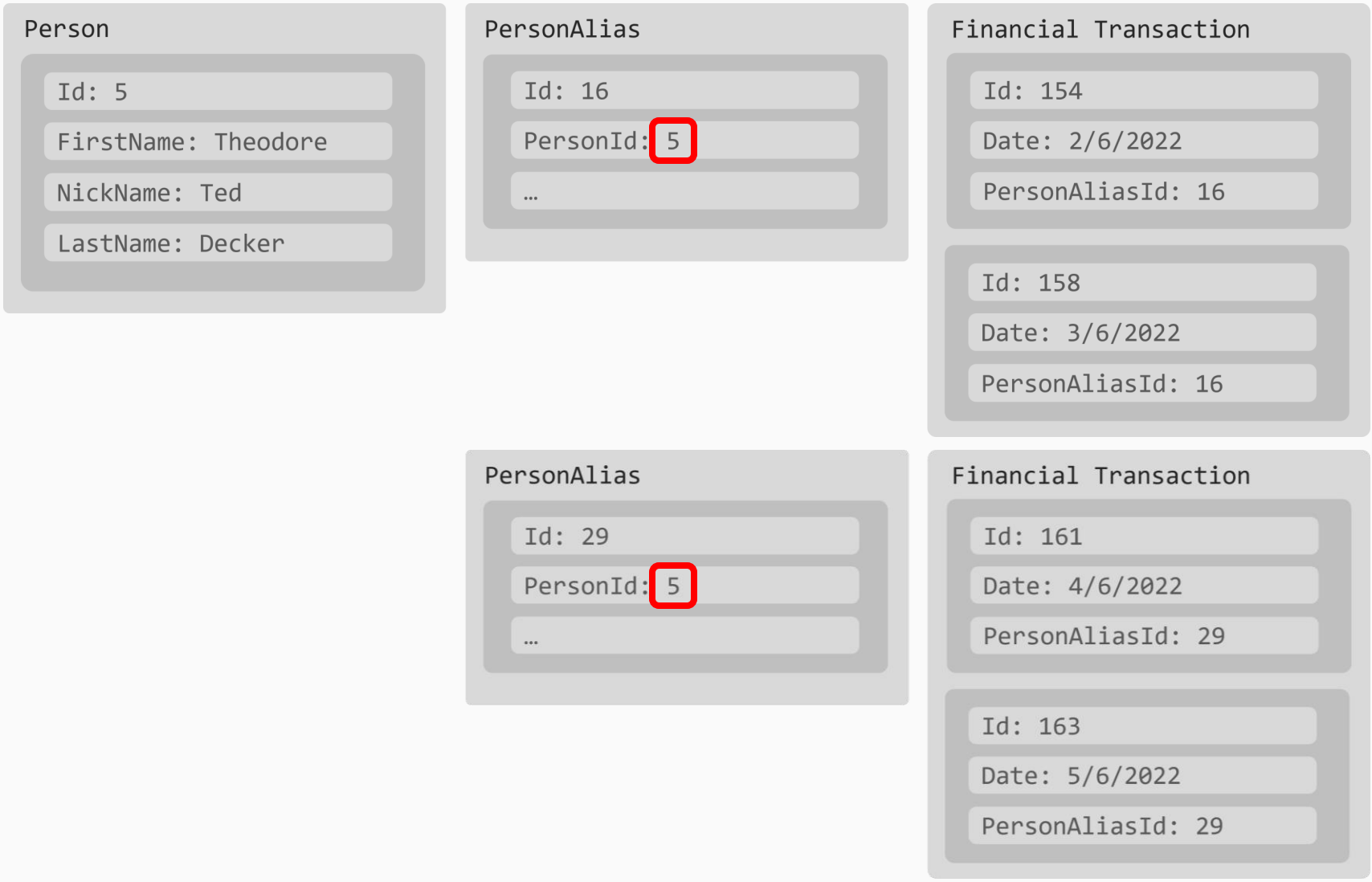
PersonAliasId: 29

Id: 163

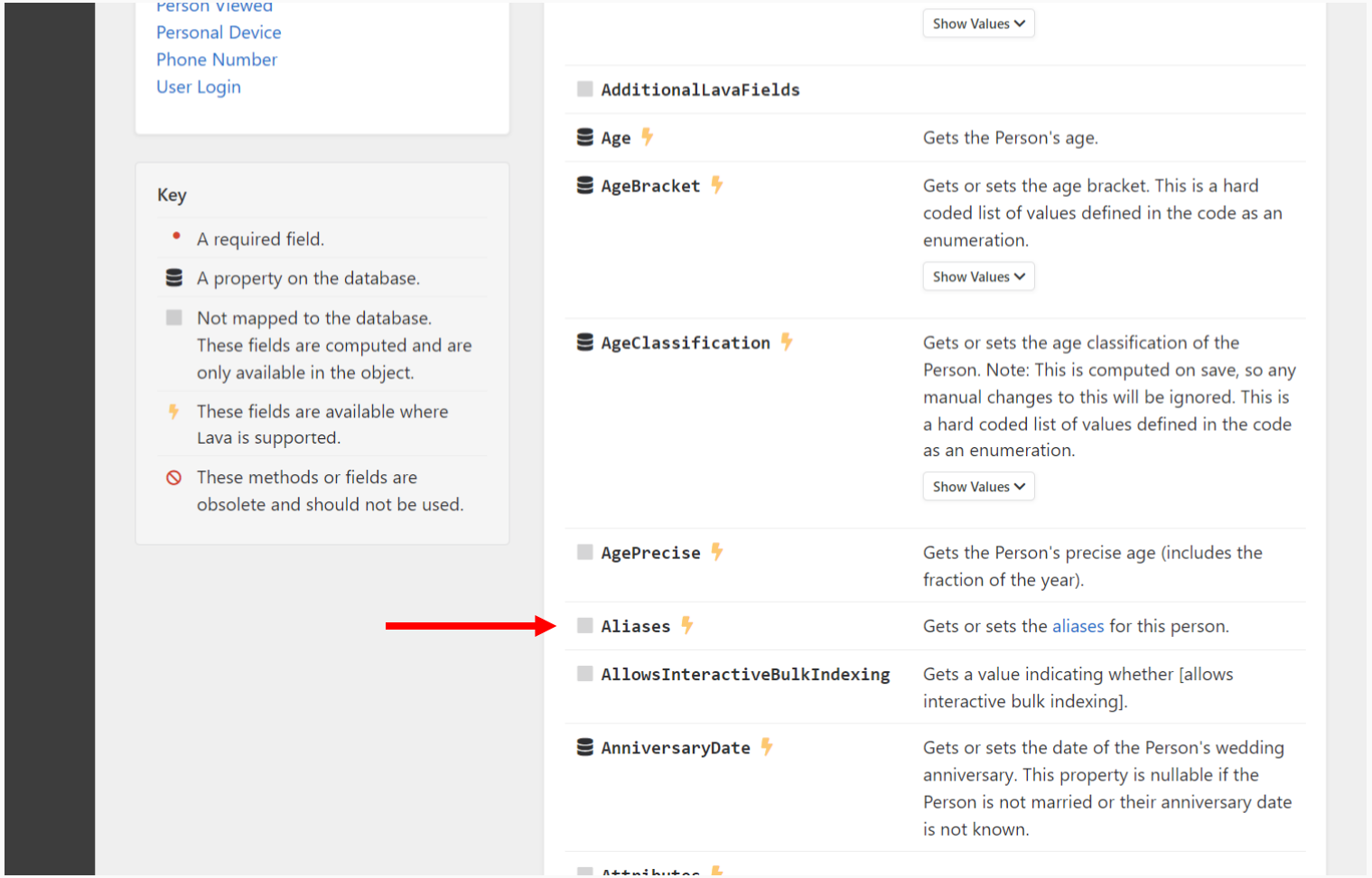
Date: 5/6/2022

PersonAliasId: 29

Person Aliases



Let’s look at the Person Alias records



Person Aliases

```
<ul>
  {% for alias in CurrentPerson.Aliases %}
    <li>
      Alias Id: {{ alias.Id }}
      <ul>
        <li>Person Id: {{ alias.PersonId }}</li>
      </ul>
    </li>
  {% endfor %}
</ul>
```

- **Alias Id: 17**
  - **Person Id: 5**
- **Alias Id: 29**
  - **Person Id: 5**

Partial Solution

```
{% financialtransaction
  where:'AuthorizedPersonAliasId == "17" || AuthorizedPersonAliasId == "29"'
  iterator:'Transactions'
  securityenabled:'false'
%}
  {% for transaction in Transactions %}
    <p>{{ transaction.Id }}: {{ transaction.TransactionDateTime | Date:'M/d/yyyy' }}</p>
  {% endfor %}
{% endfinancialtransaction %}
```

- **154: 2/6/2022**
- **158: 3/6/2022**
- **161: 4/6/2022**
- **163: 5/6/2022**

Expression

```
{% financialtransaction
  expression:'AuthorizedPersonAlias.PersonId == "{{ CurrentPerson.Id }}"'
  iterator:'Transactions'
  securityenabled:'false'
%}
  {% for transaction in Transactions %}
    <p>{{ transaction.Id }}: {{ transaction.TransactionDateTime | Date:'M/d/yyyy' }}</p>
  {% endfor %}
{% endfinancialtransaction %}
```


Keep in mind:

The expression filters know the entity already, so don't type it.

- **154: 2/6/2022**
- **158: 3/6/2022**
- **161: 4/6/2022**
- **163: 5/6/2022**

Expression

```
{% financialtransaction
  expression:'AuthorizedPersonAlias.PersonId == "{{ CurrentPerson.Id }}"'
  where:'TransactionDateTime > "2022-01-01" && TransactionDateTime < "2022-07-01"'
  iterator:'Transactions'
  securityenabled:'false'
%}
  {% for transaction in Transactions %}
    <p>{{ transaction.Id }}: {{ transaction.TransactionDateTime | Date:'M/d/yyyy' }}</p>
  {% endfor %}
{% endfinancialtransaction %}
```

- **154: 2/6/2022**
- **158: 3/6/2022**
- **161: 4/6/2022**
- **163: 5/6/2022**

But I Want The Transaction Amounts

Expression

```
{% financialtransaction
  expression:'AuthorizedPersonAlias.PersonId == "{{ CurrentPerson.Id }}"'
  iterator:'Transactions'
  securityenabled:'false'
%}
  {% for transaction in Transactions %}
    <p>{{ transaction.Id }}: {{ transaction.TransactionDateTime | Date:'M/d/yyyy' }}</p>
  {% endfor %}
{% endfinancialtransaction %}
```


Keep in mind:

The expression filters know the entity already, so don't type it.

- **154: 2/6/2022**
- **158: 3/6/2022**
- **161: 4/6/2022**
- **163: 5/6/2022**