

# Lesson 8 Validation Classes

## 8.1 Validation chaining

### 8.1.1 Investigation

Observe the validation sequence and validation chaining used in the business auto line of business.



#### Activity

Answer the following questions by drilling into the `BALineValidation.cs` class for the Commercial Auto line in Studio.

- a) List the primary validate method in that class.
- b) List all methods called from the validate method in sequence.



#### Stop

### 8.1.2 Solutions



#### Solution

Answer the following questions by drilling into the `BALineValidation.cs` class for the Commercial Auto line in Studio.

- a) List the first method that is called in that class?

`doValidate()`

- b) List all methods called from the validate method in sequence:

- `additionalInsuredAndTypeUnique()`
- `vinIsUnique()`
- `fleetTypeMatchesVehicleInfo()`
- `checkLiabilityCoverage()`
- `atLeastOneHiredAutoState()`
- `atLeastOneNonownedState()`
- `nonOwnedBasisSumGreaterThanZero()`

## 8.2 Configure validation classes

### 8.2.1 Requirement

Enigma Fire & Casualty Insurance wants to make sure that users cannot buy Personal Auto insurance for more than two vehicles.

#### Specifications:

**Spec 1** Add a validation check that warns users when they create more than two vehicles that they are not allowed to do that.

**Spec 2** The warning must appear when the user leaves the Vehicles Wizard step.

**Spec 3** The validation must prevent users from quoting the policy when there are more than two vehicles on the policy.

### 8.2.2 Configuration



#### Activity

The following are some tips:

1. **PALineValidation uses a class called PALineVehiclesValidator.**

The method can be placed there.

2. **Validation level typecodes should be used instead of the level code as a string, for example:**

```
default → ValidationLevel.TC_DEFAULT  
quickquote → ValidationLevel.TC_QUICKQUOTABLE
```

and so on...

### 8.2.3 Verification

1. **Log in as aapplegate/gw.**
2. **Create a personal auto submission with three vehicles.**

You can open an existing policy and click Actions → Copy Submission, and then edit it to have three vehicles. Or create a new submission with three vehicles.

3. **When you leave the Vehicles step of the job wizard, the following warning should be displayed.**

## Vehicles

### Warnings:

 A Personal Auto policy can have at most 2 vehicles.

### Vehicle Details

[Create Vehicle](#)

[Remove Vehicle](#)

	Vehicle #	Vehicle Type	Model Year	Make	Model	Body Type	VIN
<input type="checkbox"/>	1	Passenger/Light Truck	2001	Acura	RSX		1
<input type="checkbox"/>	2	Passenger/Light Truck	2002	Toyota	Avalon		2
<input type="checkbox"/>	3	Passenger/Light Truck	2003	Pontiac	Grand Prix		3

#### 4. Move through the remaining wizard steps until you can quote the policy.

When you click the Quote button, your validation class should display an error with a link to the Vehicles page as shown in the following screen. A quote should not be displayed. The error should prevent you from getting a quote.

Policy Contract

- Policy Info
- Drivers
- Vehicles**
- PA Coverages

### Policy Review

Primary Named Insured: Ray Newton  
Address: 1253 Paloma Ave  
Floor 0000  
Developer Unit Habitation Cube #0000  
Arcadia, CA 91007

#### Validation Results

[Clear](#)

**Errors located on another page: Vehicles**

 A Personal Auto policy can have at most 2 vehicles.



Stop