

Claim Packet:

```
claim.amount = 500,  claim.peril = motorSingle,  claim.line = motor
```

Claim Packets

Reinsurance Program with segments contract

Segment ``quota share motor``

Parameter Cover = [line = motor]**Parameter** Reinsurers = [mars (0.7), pluto (0.3)]

```
if (claim.peril or claim.line) in Cover
  then evaluate cededClaim.amount,
    set cededClaim.line = claim.line, cededClaim.peril = claim.peril,
    cededClaim.contract = quotaShareMotor
```

Companies with segments **company**

cededClaim Packets

Segment ``pluto``

```
if {Parameter Company} of cededClaim.line equals pluto
  then cededClaim.amount →  $\sum$  ceded Claims
else if pluto in {Parameter Reinsurers} of cededClaim.contract
  then share*cededClaim.amount →  $\sum$  gross claims
```