

JobVersion

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JobVersion

Kind: Class**Source:** Pams/Web/Pams.Web/Client/app/models/sales/job-version.model.ts (line 10)**Part of:** Pams

`JobVersion` is a sales-domain model that represents a version of a job. It manages job-version state related to unitized items and expiration testing through `addUnitizedItem()` and `resetExpirationTest()`.

Methods

Method	Signature	Returns
<code>addUnitizedItem</code>	<code>addUnitizedItem()</code>	<code>void</code>
<code>resetExpirationTest</code>	<code>resetExpirationTest()</code>	<code>void</code>

Properties

Property	Type
<code>VersionID</code>	<code>number</code>
<code>VersionDate</code>	<code>Date</code>
<code>IsSelected</code>	<code>boolean</code>
<code>TypeSelected</code>	<code>boolean</code>
<code>UserDisplayName</code>	<code>string</code>
<code>AutoGeneratedSerial</code>	<code>boolean</code>
<code>DeliveryTerm</code>	<code>DeliveryTerm</code>
<code>PaymentMethod</code>	<code>PaymentMethod</code>

Property	Type
Supplier	Supplier
VersionSerial	number
JobProcessID	number
JobVersionPrice	number
CurrencyID	number
RateToBaseCurrency	number
JobVersionPriceInBaseCurrency	number
PaymentMethodID	number
DeliveryTermID	number
JobVersionStatusID	number
StatusDate	Date
CreatedByUserID	number
ModifiedByUserID	number
ModificationDate	Date
CurrentJobVersionStatusLogID	number
DeliveryTimePeriodID	number
DeliveryTimePeriodCount	number
IsPartialShipment	boolean
CurrencyCode	string
CurrencySymbol	string
ClientOrderNumber	string
SupplierOfferNumber	string
OfferValidationTimePeriodID	number
OfferValidationTimePeriodCount	number
IsCurrent	boolean
SupplierOrderNumber	string
OrderActivationDate	Date
OrderDeliveryDate	Date

Property	Type
OrderDate	Date
OrderBacklog	number
Items	JobItem[]
MileStones	OfferMileStone[]
JobStatus	number
CreatedByUserName	string
JobVersionStatusLabel	string
commissionBase	string
JobVersionParentID	number
CommissionPercentage	number
AgreedCommissionPercentage	number
ContractualCommissionPercentage	number
commissionValidation	number
SupplierID	number

Where it refuses work

- JobVersion stops the work with an early return when `this.JobVersionPrice <= 0` .
- JobVersion stops the work with an early return when `this.Items[0].Description` .
- JobVersion stops the work with an early return when `this.OrderActivationDate == null || this.DeliveryTimePeriodCount == null || this.Delivery...` .
- JobVersion stops the work with an early return when `this.OrderDeliveryDateCalculated == ""` .
- JobVersion stops the work with an early return when `diff < 0` .
- JobVersion stops the work with an early return when `this.ContractualCommissionPercentage == -1` .

Diagram

```
graph LR
  JobVersion[JobVersion]
  AddUnitizedItem[addUnitizedItem()]
  ResetExpirationTest[resetExpirationTest()]
```

```
UnitizedItems[Unitized item state]
ExpirationTest[Expiration test state]

JobVersion --> AddUnitizedItem
JobVersion --> ResetExpirationTest
AddUnitizedItem --> UnitizedItems
ResetExpirationTest --> ExpirationTest
```

Usage

```
import { JobVersion } from './models/sales/job-version.model';

const jobVersion = new JobVersion();

// Add an item managed by the job version.
jobVersion.addUnitizedItem();

// Clear or reinitialize expiration-test state before editing or validation.
jobVersion.resetExpirationTest();
```

AI Coding Instructions

- Keep unitized-item changes inside `addUnitizedItem()` rather than duplicating its state changes in calling code.
- Call `resetExpirationTest()` when a workflow needs to clear expiration-test state before recalculation or validation.
- Check the model source for initialized properties and required defaults before creating a `JobVersion` instance.
- Preserve the model's existing mutation patterns when adding sales job-version behavior.

Relationships

- IMPORTS → `JobItem`
- IMPORTS → `OfferMilestone`
- IMPORTS → `AppSettings`
- IMPORTS → `JobVersionStatusE`
- IMPORTS → `JobStatusE`
- IMPORTS → `JobItemStatusE`

Used by

1 reference from 1 file. Each is a place in this repository where the symbol is actually used — go read one rather than trusting an example.

Imported by (1)

- TempInq — Pams/Web/Pams.Web/Client/app/models/sales/inquiry.model.ts :17