

JobVersion

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JobVersion

Kind: Class

Source: Frontend/src/app/models/sales/job-version.model.ts (line 10)

Part of: Frontend

`JobVersion` represents a version of a sales job in the application model layer. It manages version-specific item state through `addUnitizedItem()` and supports expiration-related test state through `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]
  AddItem[addUnitizedItem()]
  ResetExpiration[resetExpirationTest()]
```

```
JobVersion --> AddItem
JobVersion --> ResetExpiration
```

Usage

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

const jobVersion = new JobVersion();

jobVersion.addUnitizedItem();

// Reset expiration test state before running expiration-related logic.
jobVersion.resetExpirationTest();
```

AI Coding Instructions

- Keep job-version item changes inside `addUnitizedItem()` rather than duplicating item setup logic in callers.
- Call `resetExpirationTest()` when expiration-related state must be cleared before a new test or workflow step.
- Check the model's existing properties and constructor requirements before creating `JobVersion` instances in new code.
- Keep sales workflow code dependent on the model methods instead of directly changing version state where possible.

Relationships

- IMPORTS → `JobItem`
- IMPORTS → `OfferMilestone`
- IMPORTS → `AppSettings`
- IMPORTS → `JobVersionStatusE`
- IMPORTS → `JobStatusE`
- IMPORTS → `JobItemStatusE`
- IMPORTS → `PaymentMethod`
- IMPORTS → `DeliveryTerm`
- IMPORTS → `Supplier`

Used by

3 references from 3 files. Each is a place in this repository where the symbol is actually used — go read one rather than trusting an example.

Imported by (3)

- `NewJobComponent` — `Frontend/src/app/components/sales/new-job/new-job.component.ts` :1
- `InquiryService` — `Frontend/src/app/services/sales/inquiry.service.ts` :1
- `TempInq` — `Frontend/src/app/models/sales/inquiry.model.ts` :17