

Inquiry

August 18, 2026

Inquiry

Kind: Class

Source: Frontend/src/app/models/sales/inquiry.model.ts (line 36)

Part of: Frontend

`Inquiry` models a sales inquiry and groups operations for cloning, version changes, and order duplication. It is used where the application needs to create or select inquiry versions while keeping the active version in sync.

Methods

Method	Signature	Returns
<code>clone</code>	<code>clone(Inq: Inquiry)</code>	<code>Inquiry</code>
<code>duplicateVersion</code>	<code>duplicateVersion(versionIndex: number)</code>	<code>void</code>
<code>DuplicateOrder</code>	<code>DuplicateOrder()</code>	<code>void</code>
<code>switchVersion</code>	<code>switchVersion(versionIndex: number)</code>	<code>void</code>
<code>createNewOrderVersion</code>	<code>createNewOrderVersion()</code>	<code>void</code>
<code>setCurrentVersion</code>	<code>setCurrentVersion(statusId: number)</code>	<code>void</code>

Properties

Property	Type
<code>InquiryContacts</code>	<code>InquiryContact[]</code>
<code>tabStatus</code>	<code>number</code>
<code>InquiryNumber</code>	<code>number</code>
<code>JobNo</code>	<code>string</code>

Property	Type
CompanyBranchID	number
ResponsibleID	number
ClientID	number
SupplierID	number
CategoryTypeID	number
CategoryID	number
ProjectID	number
CategoryDescription	string
InquiryDate	Date
ProductTypeID	number
UserDisplayName	string
isUpdaating	boolean
reverted	boolean
EndUserTypeID	number
EndUserID	number
newstory	JobVersionStatusLog
ClientInquiryNumber	string
BidDueDate	Date
Selected	boolean
IsInquiryEmailedToPrincipal	boolean
InquiryEmailedToPrincipalDate	Date
Comments	Comment[]
InquiryTypeID	number
CurrentJobStatusID	number
Description	string
FileNo	string
CurrentJobProcess	JobProcess
JobVersionslist	JobVersion[]

Property	Type
CurrentJobVersion	JobVersion
CurrentOfferJobVersion	JobVersion
CurrentOrderJobVersion	JobVersion
BidBondDetails	JobGuarantee

Where it refuses work

- `Inquiry` stops the work with an early return when `this.InquiryDate == null` .
- `Inquiry` stops the work with an early return when `this.BidDueDate == null` .
- `Inquiry` stops the work with an early return when `this.CurrentJobStatusID == JobStatusE.Bin` .
- `Inquiry` stops the work with an early return when `this.CurrentJobStatusID == JobStatusE.Inquiry || this.CurrentJobStatusID == JobStatusE.Of...` .

Diagram

```
graph LR
    Inquiry[Inquiry]
    Clone[clone()]
    Version[duplicateVersion()]
    Switch[switchVersion()]
    NewVersion[createNewOrderVersion()]
    Current[setCurrentVersion()]
    Order[DuplicateOrder()]

    Inquiry --> Clone
    Inquiry --> Version
    Inquiry --> Switch
    Inquiry --> NewVersion
    Inquiry --> Current
    Inquiry --> Order
```

Usage

```
import { Inquiry } from './models/sales/inquiry.model';

function createInquiryVersion(inquiry: Inquiry): Inquiry {
    const copiedInquiry = inquiry.clone();

    copiedInquiry.duplicateVersion();
}
```

```

copiedInquiry.createNewOrderVersion();
copiedInquiry.setCurrentVersion();

return copiedInquiry;
}

function duplicateInquiryOrder(inquiry: Inquiry): void {
    inquiry.DuplicateOrder();
}

```

AI Coding Instructions

- Use `clone()` when a separate `Inquiry` instance is needed before changing version or order state.
- Preserve the existing `DuplicateOrder()` capitalization when calling the method.
- Treat version-related methods as state-changing operations and confirm the active version with `setCurrentVersion()`.
- Check callers of `switchVersion()` when changing version flow, since UI state may depend on the selected inquiry version.

Used by

4 references from 4 files. Each is a place in this repository where the symbol is actually used — go read one rather than trusting an example.

Imported by (4)

- `NewJobComponent` — `Frontend/src/app/components/sales/new-job/new-job.component.ts :1`
- `TagComponent` — `Frontend/src/app/components/shared/tag/tag.component.ts :1`
- `ValidationModel` — `Frontend/src/app/services/sales/date-validation-service.service.ts :1`
- `InquiryService` — `Frontend/src/app/services/sales/inquiry.service.ts :1`