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jminusminus

## Class ClassContext

- [java.lang.Object](#)
  - [jminusminus.Context](#)
    - [jminusminus.ClassContext](#)

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```
class ClassContext  
extends Context
```

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Represents the context (scope, environment, symbol table) for a type, eg a class, in j--.  
It also keeps track of its surrounding context(s), and the type whose context it represents.

- **Field Summary**
- **Fields inherited from class [jminusminus.Context](#)**  
[classContext](#), [compilationUnitContext](#), [entries](#),  
[surroundingContext](#)

- **Constructor Summary**

Constructors

**Constructor and Description**

```
ClassContext(JAST definition, Context surrounding)  
Construct a class context.
```

- **Method Summary**

Methods

**Modifier and  
Type**

**Method and Description**

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JAST

### **definition()**

Return the AST node of the type defined by this class.

- **Methods inherited from class `jminusminus.Context`**

`addEntry`, `addType`, `classContext`, `compilationUnitContext`, `definingType`, `lookup`, `lookupType`, `methodContext`, `names`, `surroundingContext`, `writeToStdOut`

- **Methods inherited from class `java.lang.Object`**

`clone`, `equals`, `finalize`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

- **Constructor Detail**

- **ClassContext**

`publicClassContext(JASTdefinition, Contextsurrounding)`

Construct a class context.

**Parameters:**

`definition` - the AST node of the type that this class represents.  
`surrounding` - the surrounding context(s)

- **Method Detail**

- **definition**

`publicJASTdefinition()`

Return the AST node of the type defined by this class.

**Returns:**

the AST of the type defined by this class.

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