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jminusminus

Class NarrowReference

- [java.lang.Object](#)
 - [jminusminus.NarrowReference](#)

- All Implemented Interfaces:
[Converter](#)

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<https://powcoder.com>

```
class NarrowReference
extends Object
implements Converter
```

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A narrowing conversion on a reference type requires a run-time check on the type.

- **Field Summary**
- **Fields inherited from interface jminusminus.Converter**
[Identity](#), [WidenReference](#)
- **Constructor Summary**

Constructors

Constructor and Description

```
NarrowReference(Type target)
Construct a narrowing converter.
```

- **Method Summary**

Methods

Modifier and
Type

Method and Description

`void` **codegen**(`CLEmitter` output)
Emit code necessary to convert (cast) a source type to a target type.

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

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

- **Constructor Detail**

- **NarrowReference**

`public NarrowReference`(`Type` target)

Construct a narrowing converter.

Parameters:

target - the target type.

- **Method Detail**

- **codegen**

`public void` `codegen`(`CLEmitter` output)

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Description copied from interface: `Converter`

Emit code necessary to convert (cast) a source type to a target type.

Specified by:

`codegen` in interface `Converter`

Parameters:

output - the code emitter (basically an abstraction for producing the class file)

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