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jminusminus

Class JWildExpression

- [java.lang.Object](#)
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```
class JWildExpression
extends JExpression
```

The AST node for a "wild" expression. A wild expression is a placeholder expression, used when there is a syntax error.

- **Field Summary**
- **Fields inherited from class jminusminus.JExpression**
[isStatementExpression](#), [type](#)
- **Fields inherited from class jminusminus.JAST**
[compilationUnit](#), [line](#)
- **Constructor Summary**

Constructors

Constructor and Description

```
JWildExpression(int line)
```

Construct an AST node for a "wild" expression given its line number.

- **Method Summary**

Methods	
Modifier and Type	Method and Description
<code>JExpression</code>	<code>analyze</code> (<code>Context</code> context) Simply set the type to ANY (a wild type matching everything).
<code>void</code>	<code>codegen</code> (<code>CLEmitter</code> output) No code generation.
<code>void</code>	<code>writeToStdOut</code> (<code>PrettyPrinter</code> p) Write the information pertaining to this AST to STDOUT.

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

`codegen`, `isStatementExpression`, `type`

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

`line`, `partialCodegen`

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

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

- **Constructor Detail**

- **`JWildExpression`**

`public JWildExpression(int line)`

Construct an AST node for a "wild" expression given its line number.

Parameters:

`line` - line in which the "wild" expression occurs occurs in the source file.

- **Method Detail**

- **`analyze`**

`public JExpression analyze(Context context)`

Simply set the type to ANY (a wild type matching everything).

Specified by:

`analyze` in class `JExpression`

Parameters:

`context` - context in which names are resolved (ignored here).

Returns:

the analyzed (and possibly rewritten) AST subtree.

- **`codegen`**

`public void codegen(CLEmitter output)`

No code generation.

Specified by:

`codegen` in class `JAST`

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Parameters:

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

- **writeToStdOut**

```
public void writeToStdOut(PrettyPrinter p)
```

Description copied from class: JAST

Write the information pertaining to this AST to STDOUT.

Specified by:

`writeToStdOut` in class `JAST`

Parameters:

p - for pretty printing with indentation.

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