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jminusminus

Class NEmitter

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

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```
public class NEmitter
extends Object
```

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A class for generating native SPIM code.

• Constructor Summary

Constructors

Constructor and Description

```
NEmitter(String sourceFile, ArrayList<CLFile> clFiles,
String ra)
```

Construct an NEmitter instance.

• Method Summary

Methods

Modifier and
Type

Method and Description

void

```
destinationDir(String destDir)
```

Set the destination directory for the SPIM files to the specified value.

boolean

```
errorHasOccurred()
```

Has an emitter error occurred up to now?

```
void write()
Write out SPIM file(s) to the file system.
```

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

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

- **Constructor Detail**

- **NEmitter**

```
public NEmitter(String sourceFile,
                ArrayList<CLFile> clFiles,
                String ra)
```

Construct an NEmitter instance.

Parameters:

sourceFile - the source j-- program file name.

clFiles - list of CLFile objects.

ra - register allocation scheme (naive, linear, or graph).

- **Method Detail**

- **destinationDir**

```
public void destinationDir(String destDir)
```

Set the destination directory for the SPIM files to the specified value.

Parameters:

destDir - destination directory.

- **errorHasOccurred**

```
public boolean errorHasOccurred()
```

Has an emitter error occurred up to now?

Returns:

true or false.

- **write**

```
public void write()
```

Write out SPIM file(s) to the file system. The destination directory for the files can be set using the destinationDir(String dir) method.

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