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jminusminus

## Class NGraphRegisterAllocator

- [java.lang.Object](#)
  - [jminusminus.NRegisterAllocator](#)
    - [jminusminus.NGraphRegisterAllocator](#)

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```
public class NGraphRegisterAllocator  
extends NRegisterAllocator
```

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Implements register allocation using graph coloring algorithm.

- [Field Summary](#)
- [Fields inherited from class jminusminus.NRegisterAllocator](#)  
[cfg](#)
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Constructors

### Constructor and Description

```
NGraphRegisterAllocator(NControlFlowGraph cfg)  
Construct a NGraphRegisterAllocator.
```

- [Method Summary](#)

Methods

Modifier and  
Type

Method and Description

```
void allocation()
```

Build intervals with register allocation information in them.

- **Methods inherited from class `jminusminus.NRegisterAllocator`**  
`buildIntervals`

- **Methods inherited from class `java.lang.Object`**  
`clone`, `equals`, `finalize`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

- **Constructor Detail**

- **`NGraphRegisterAllocator`**

`public NGraphRegisterAllocator(NControlFlowGraph cfg)`

Construct a `NGraphRegisterAllocator`.

**Parameters:**

`cfg` - an instance of a control flow graph.

- **Method Detail**

- **`allocation`**

`public void allocation`

Build intervals with register allocation information in them.

**Specified by:**

`allocation` in class `NRegisterAllocator`

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