

TraceMng

INewtonSolver

BasicNewtonSolver

```
graph BT; BasicNewtonSolver --> TraceMng; BasicNewtonSolver --> INewtonSolver;
```

The diagram illustrates a class hierarchy. At the bottom is the 'BasicNewtonSolver' class. Two arrows point upwards from 'BasicNewtonSolver' to 'TraceMng' and 'INewtonSolver' at the top, indicating that 'BasicNewtonSolver' inherits from both of them.