

NonlinearFormIntegrator

```
classDiagram
    class NonlinearFormIntegrator {
    }
    class AllenCahnMeltingNLFormIntegrator {
        < SCHEME, ENERGY, INTERPOLATION, MOBI >
        + AllenCahnMeltingNLFormIntegrator()
        + AssembleElementVector()
        + AssembleElementGrad()
    }
    AllenCahnMeltingNLFormIntegrator --|> NonlinearFormIntegrator
```

AllenCahnMeltingNLFormIntegrator  
< SCHEME, ENERGY, INTERPOLATION, MOBI >

+ AllenCahnMeltingNLFormIntegrator()  
+ AssembleElementVector()  
+ AssembleElementGrad()