

```
1 class PrescribedHeating(TendencyComponent):
2
3     input_properties = {
4         'latitude': {
5             'dims': ['*'],
6             'units': 'degrees_N',
7         },
8         'longitude': {
9             'dims': ['*'],
10            'units': 'degrees_E',
11        },
12        'air_pressure': {
13            'dims': ['mid_levels', '*'],
14            'units': 'Pa',
15        },
16    }
17
18    diagnostic_properties = {}
19
20    tendency_properties = {
21        'air_temperature': {
22            'dims': ['mid_levels', '*'],
23            'units': 'degK s^-1',
24        }
25    }
26
27    def __init__(self, forcing_filename, **kwargs):
28        [...]
29        super(PrescribedHeating, self).__init__(**kwargs)
30
31    def array_call(self, state):
32        [...]
```

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