

Equation

```
classDiagram
    class Equation {
    }
    class ConicEquation {
        + squares
        + pair_products
        + prev
        + next
        * squares
        * pair_products
    }
    Equation <|-- ConicEquation
```

The diagram illustrates a class hierarchy. At the top is the 'Equation' class, represented by a rectangle with three horizontal compartments. The top compartment contains the class name 'Equation', while the two lower compartments are empty. Below it is the 'ConicEquation' class, represented by a rectangle with three horizontal compartments. The top compartment contains the class name 'ConicEquation'. The middle compartment lists four public attributes, each preceded by a '+' sign: 'squares', 'pair_products', 'prev', and 'next'. The bottom compartment lists two private attributes, each preceded by a '*' sign: 'squares' and 'pair_products'. A blue arrow with an open triangular head points from the top of the 'ConicEquation' class to the bottom of the 'Equation' class, indicating that 'ConicEquation' inherits from 'Equation'.

ConicEquation

+ squares
+ pair_products
+ prev
+ next

* squares
* pair_products