

```
public class[/aoi=Keyword] Vehicle {  
    String producer, type;  
    int topSpeed, currentSpeed;  
  
    public Vehicle(String p, String t, int tp) {  
        this.producer = p;  
        this.type = t;  
        this.topSpeed = tp;  
        this.currentSpeed = 0;  
    }  
  
    public void accelerate(int kmh) {  
        if ((this.currentSpeed + kmh) > this.topSpeed) {  
            this.currentSpeed = this.topSpeed;  
        } else {  
            this.currentSpeed = this.currentSpeed + kmh;  
        }  
    }  
}
```

The diagram illustrates variable references in the provided Java code. Purple circles represent 'this' references, yellow circles represent 'this' references, and orange circles represent 'this' references. Lines connect these circles to the corresponding variable names in the code.