Farm

Animal: Activity Diagramm

sing


```
console.log (" Old Mac Donald had a farm, I-A-I-A-O.
And on his farm he had a" + this.name +
"I-A-I-A-O. With a " + this.sound + "-" + this.sound
+ " here, and a " + this.sound + " " + this.sound
+ " there, here a " + this.sound + ", there a "
+ this.sound + " everywhere a " + this.sound +
"-" + this.sound + ".") ;
```

eat


```
this.food.eat(this.amount);
```

```
console.log( this.name + " has eaten " + this.amount +
this.food.name ) ;
```

Animal
name : string
sound : string
food : Fodder
amount : number
sing : void
eat : void

Fodder
name : string
quantity : number
eat (_amount) : void

max : number

Fodder

eat

-amount : number

this.quantity - amount > 0

this.quantity - amount <= 0

this.quantity -= amount;

```
this.quantity -= amount;
this.quantity = this.max - this.quantity;

console.log ("Old MacDonald has refilled
his" + this.name + "storage.")
```