

L09.2_BlumenwieseClasses

//Komilitonen mit denen ich zusammengearbeitet habe: Huu Thien Phan Ngoc, Mona Kabelka

Klassendiagramm-Flowers

Flowers
+ x: number; + flowerType: number; + yRandomMin: number; + yRandomMax: number;
+ constructor(_flowerType: number, _xPos: number, _yRandomMin: number, _yRandomMax: number) + draw(): void

<< interface >> Vector
x: number; y: number;

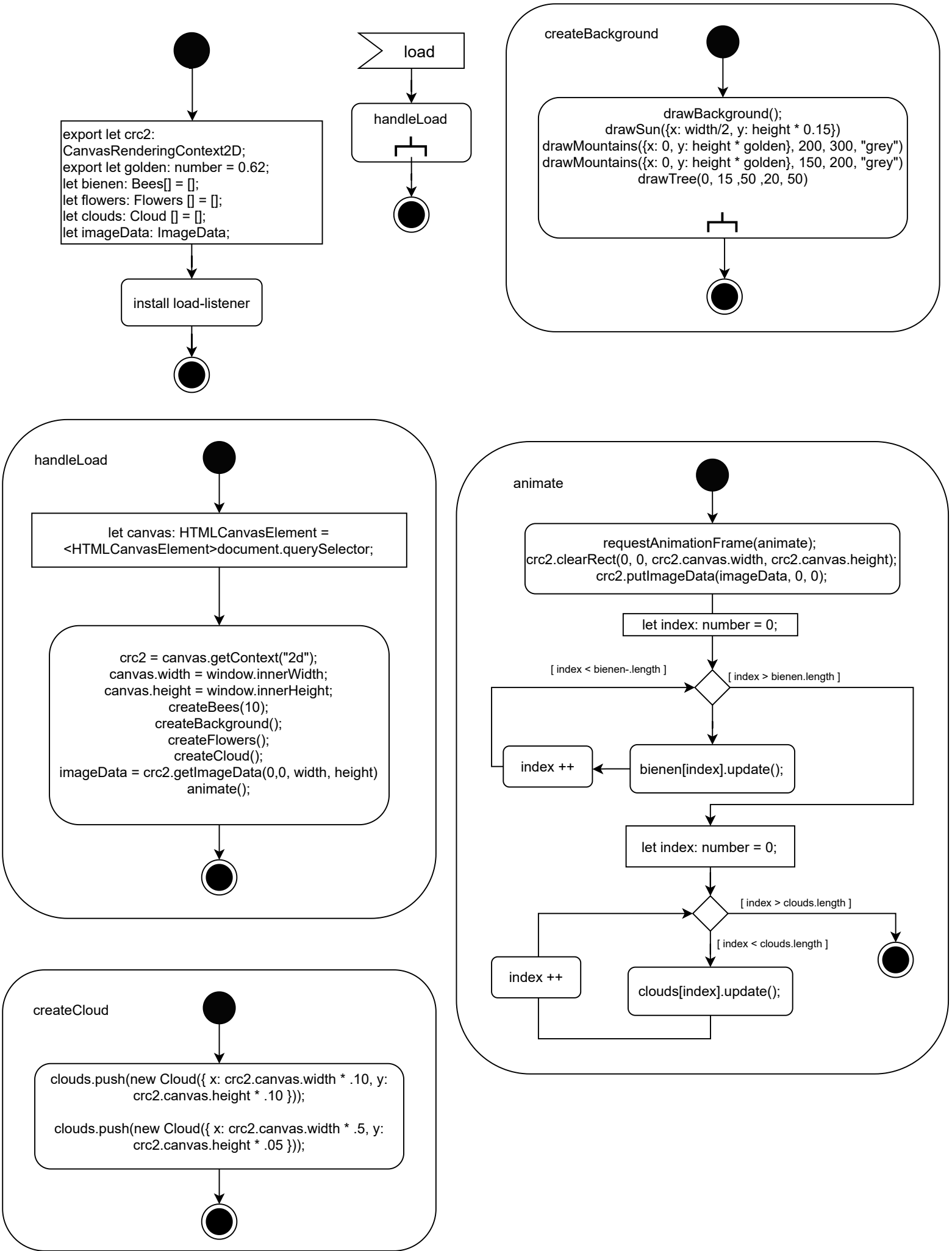
Klassendiagramm-Cloud

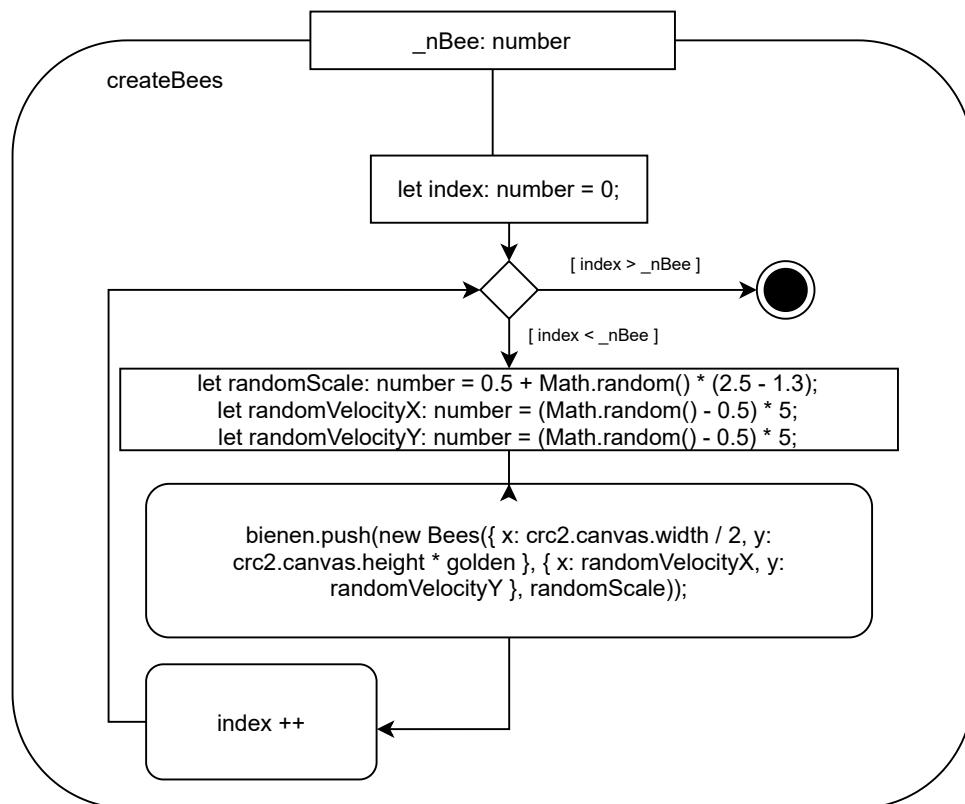
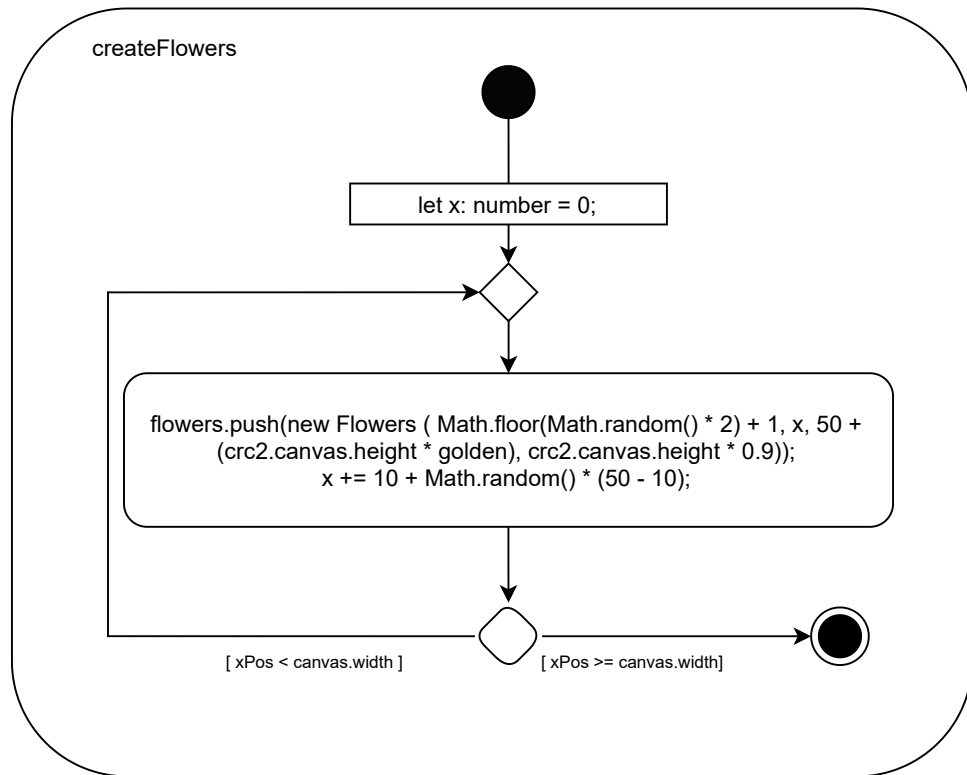
Cloud
+ posX: number; + posY: number; + velocityX: number = 0.5; + velocityY: number = 0.1;
+ constructor(_position: Vector) + draw(): void + update(): void

Klassendiagramm-Bee

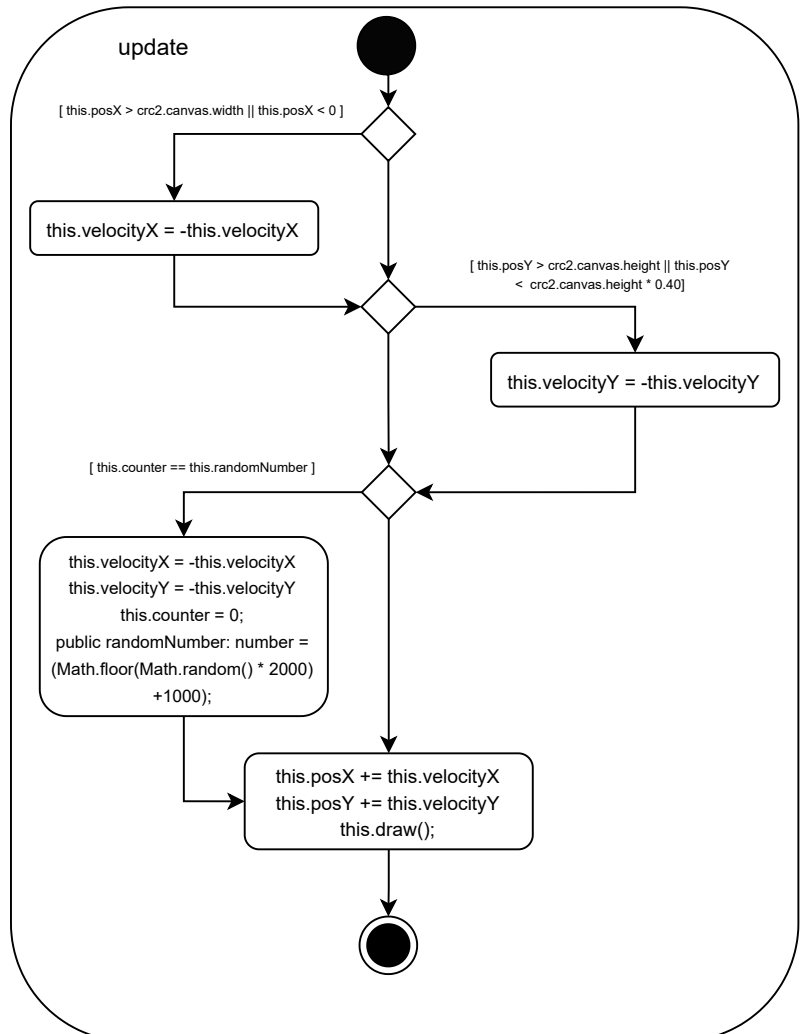
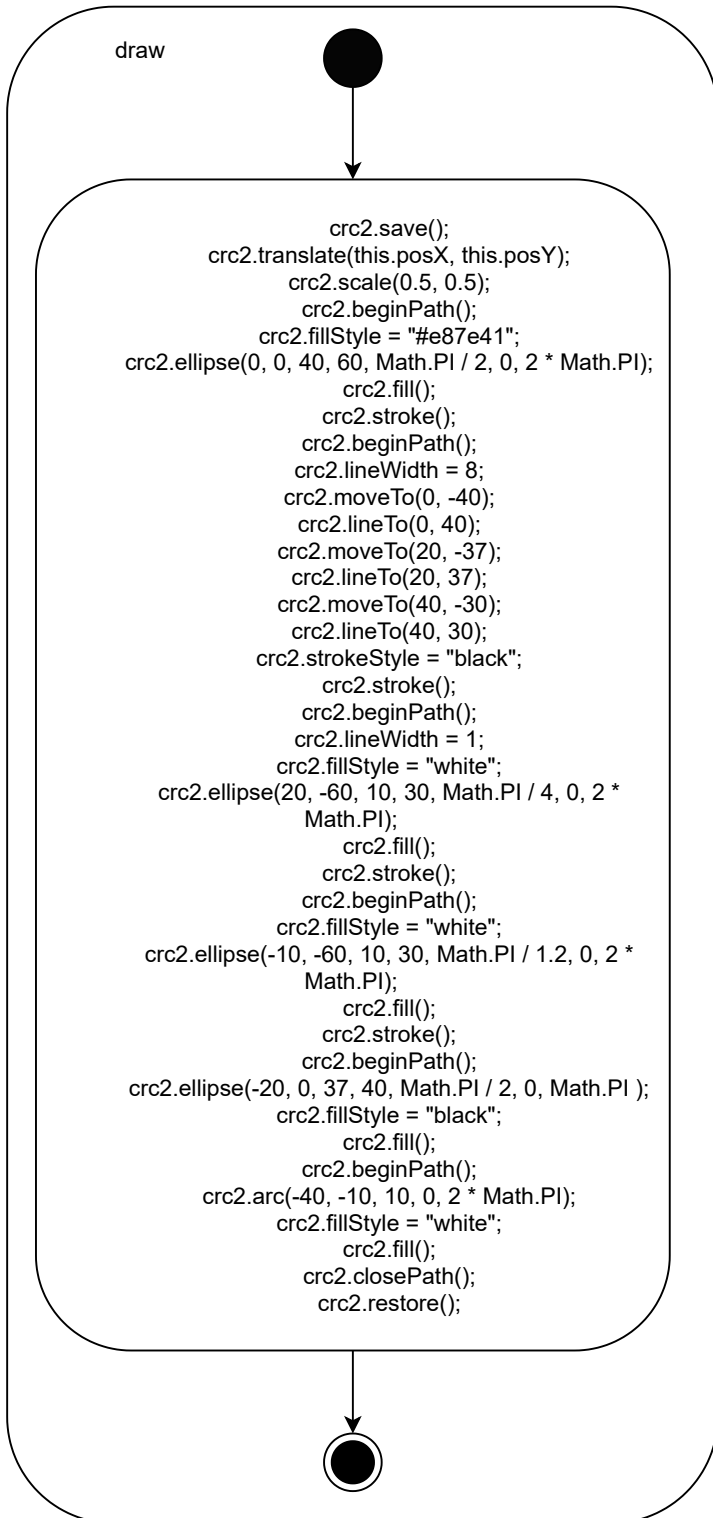
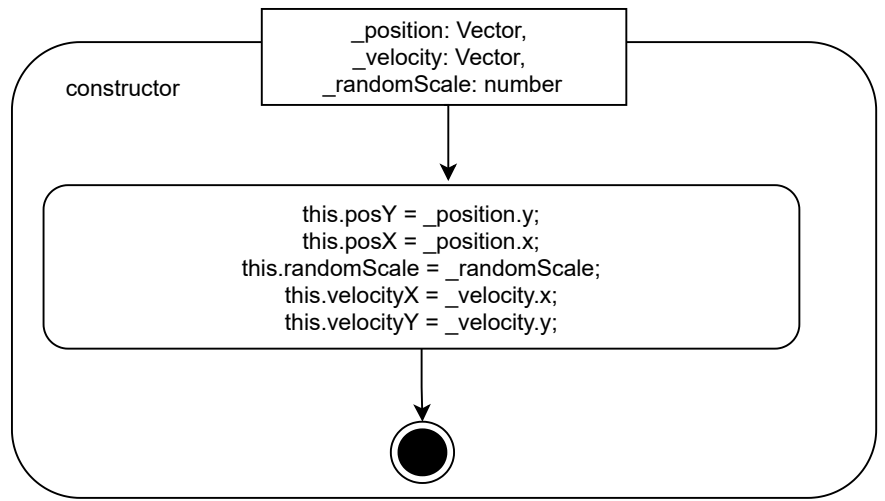
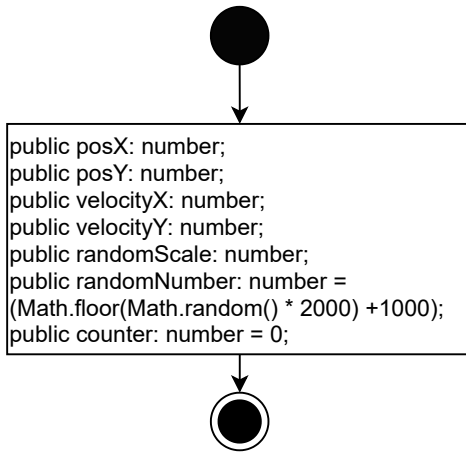
Bees
+ posX: number; + posY: number; + velocityX: number; + velocityY: number; + randomScale: number; + randomNumber: number = (Math.floor(Math.random() * 2000) + 1000); + counter: number = 0;
+ constructor(_position: Vector, _velocity: Vector, _randomScale: number + draw(): void + update(): void

Aktivitätsdiagramm - Main

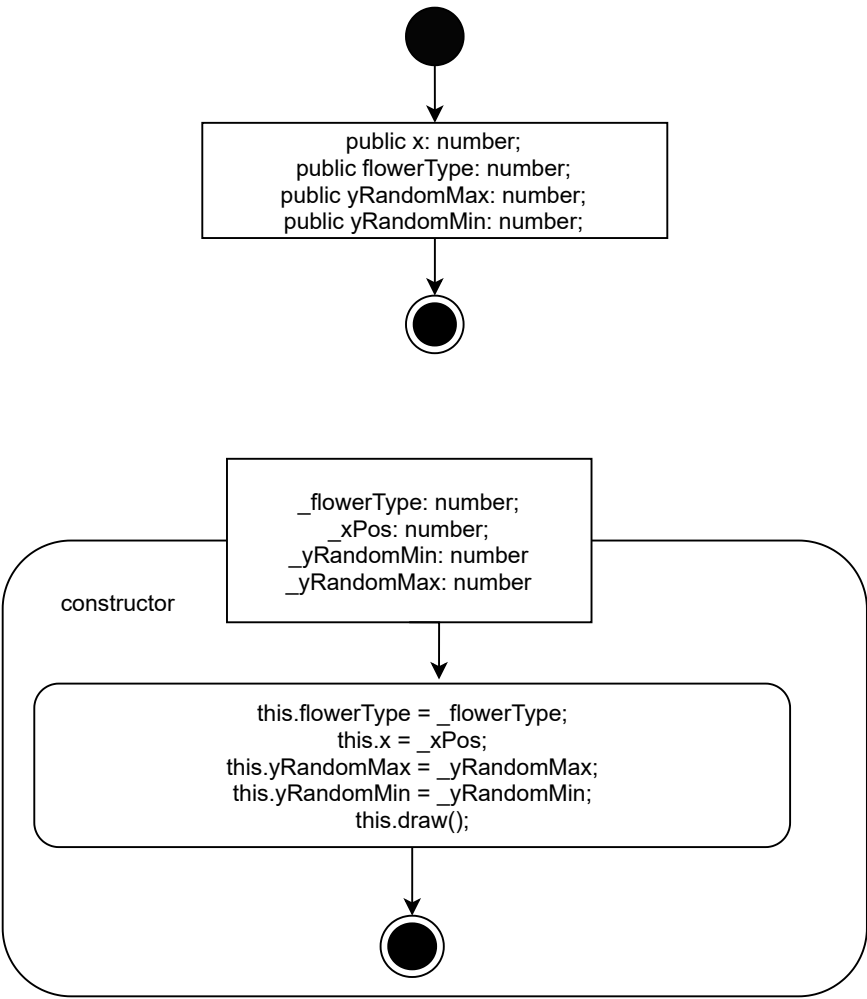




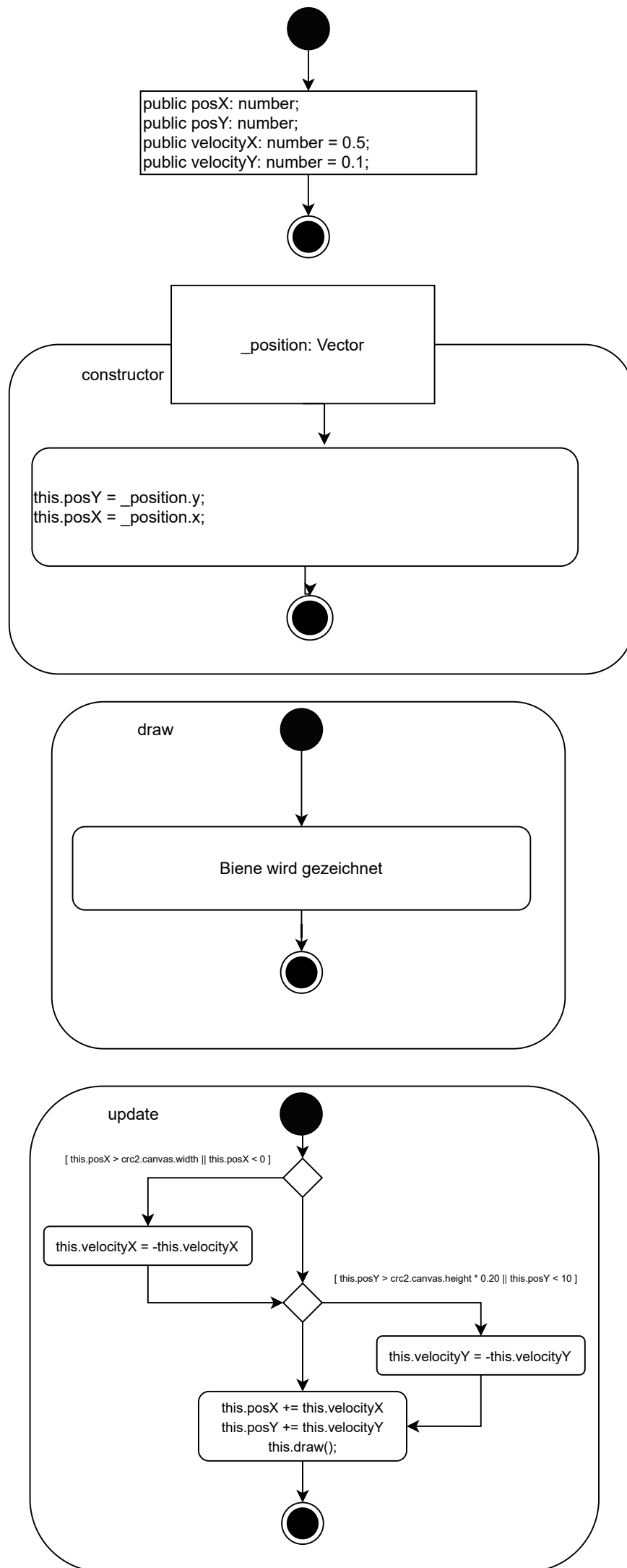
Aktivitätsdiagramm - bees



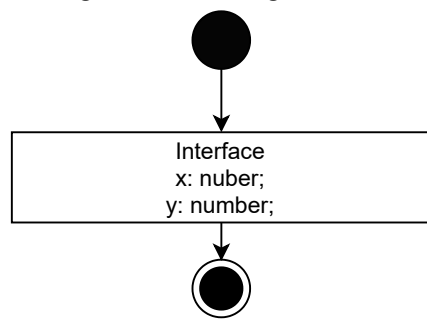
Aktivitätsdiagramm - flower



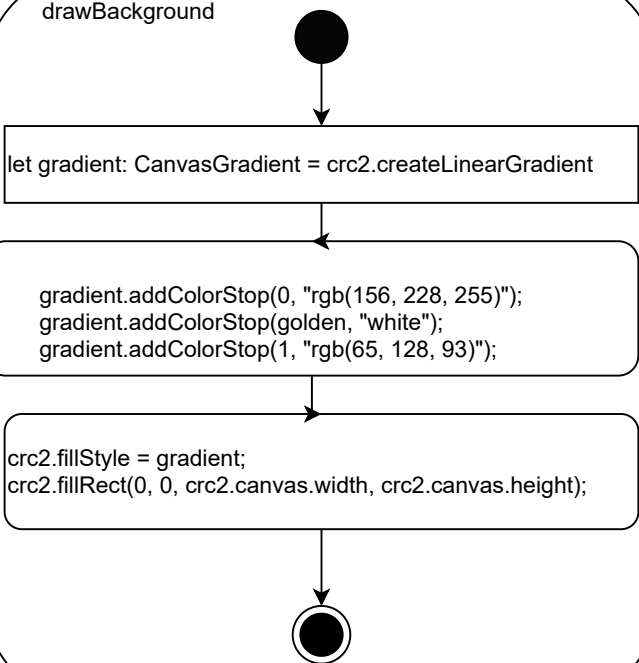
Aktivitätsdiagramm - clouds



Aktivitätsdiagramm - background

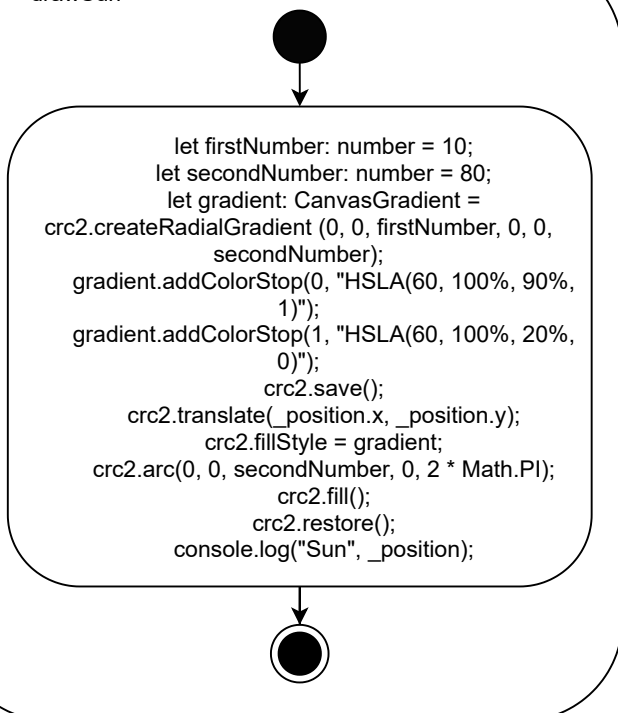


drawBackground



drawSun

_position: Vector



drawMountains

_position: Vector
_min: number
_max: number
_color: string

