

Verbesserung Code

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Alter Code

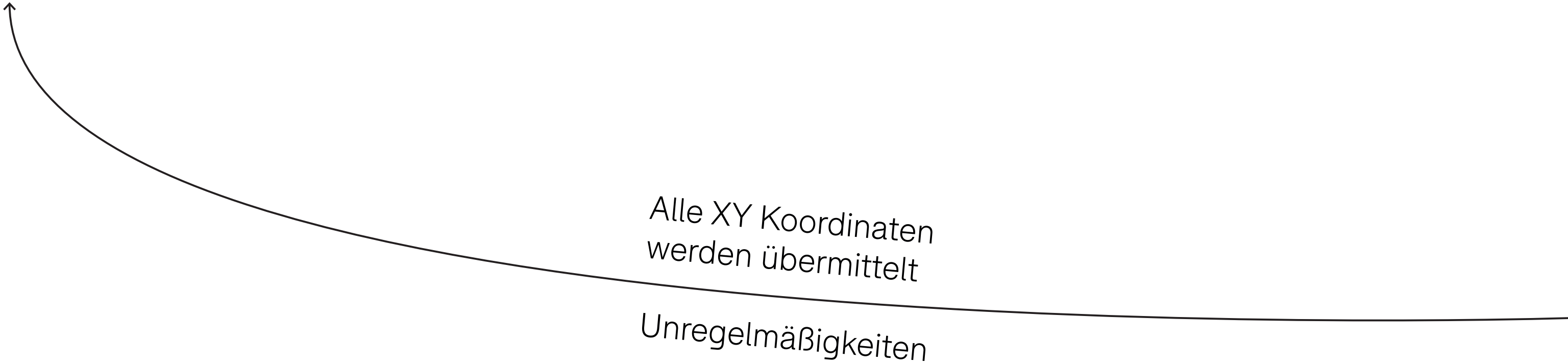
```
void draw(){

//Koordinaten ermitteln
Rectangle Person = contour.getBoundingBox();
float PersonX = (int)Person.getX() + (int)(Person.getWidth() / 2.0);
float PersonY = (int)Person.getY() + (int)(Person.getHeight() / 2.0);

//Server
ws.sendMessage(str(i) + „,“ + str(PersonX) + „,“ + str(PersonY));
```

//Server

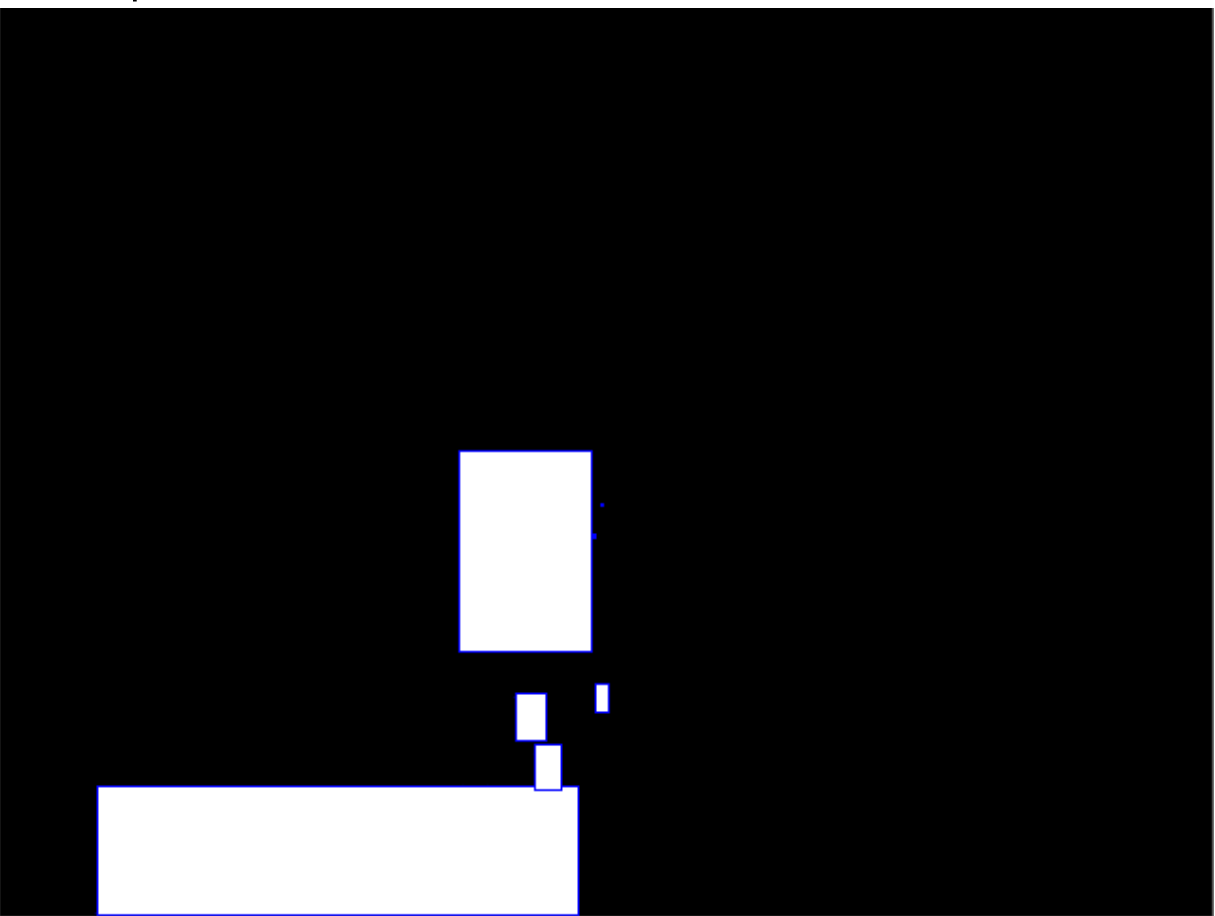
ws.sendMessage(str(i) + „,“ + str(PersonX) + „,“ + str(PersonY));



Kamerabild



Interpretation



Verbesserter Code

```
void draw(){  
  
float Pixelgroesse = 100;  
  
//Koordinaten ermitteln  
    Rectangle Person = contour.getBoundingBox();  
    float PersonX = (int)Person.getX() + (int)(Person.getWidth() / 2.0);  
    float PersonY = (int)Person.getY() + (int)(Person.getHeight() / 2.0);
```

```
//Server  
    if (Person.width > Pixelgroesse) {  
        ws.sendMessage(str(i) + „,“ + str(PersonX) + „,“ + str(PersonY));  
        circle(PersonX, PersonY, Pixelgroesse);  
    }  
    else if (Person.height > Pixelgroesse) {  
        ws.sendMessage(str(i) + „,“ + str(PersonX) + „,“ + str(PersonY));  
        circle(PersonX, PersonY, Pixelgroesse);  
    }
```

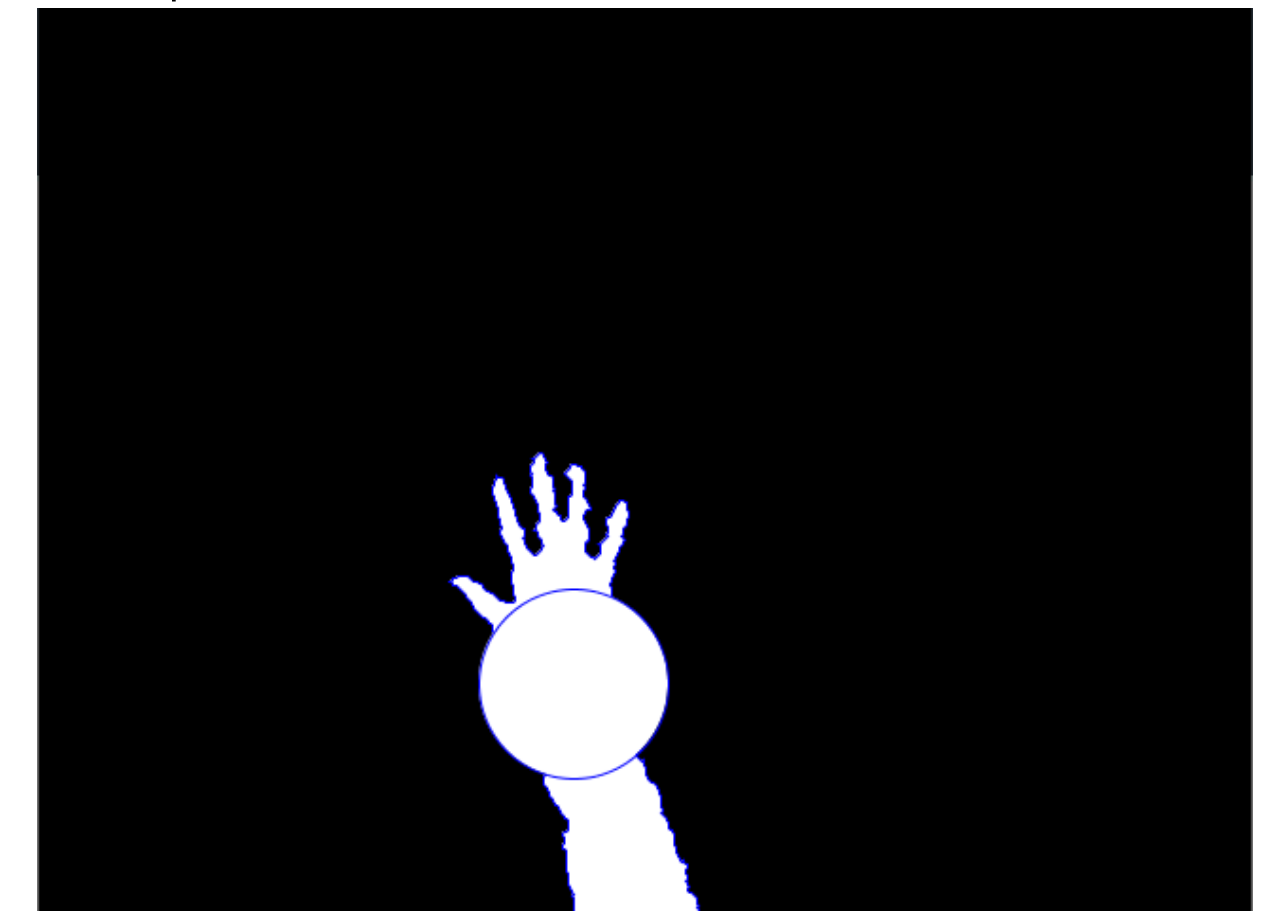
....

nur eine XY Koordinate
wird übermittelt.

Kamerabild



Interpretation

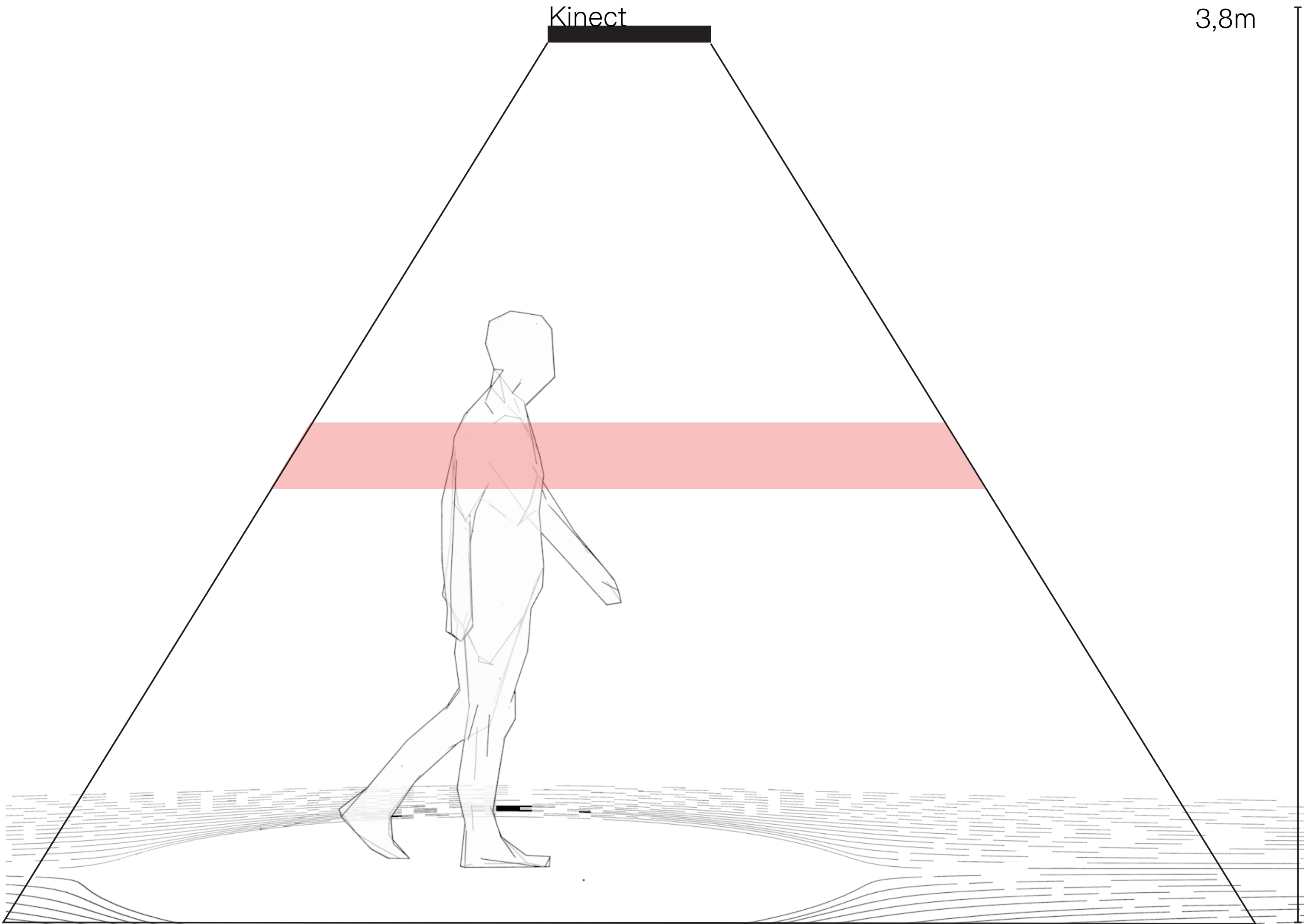


Aktuelles Trackingfeld

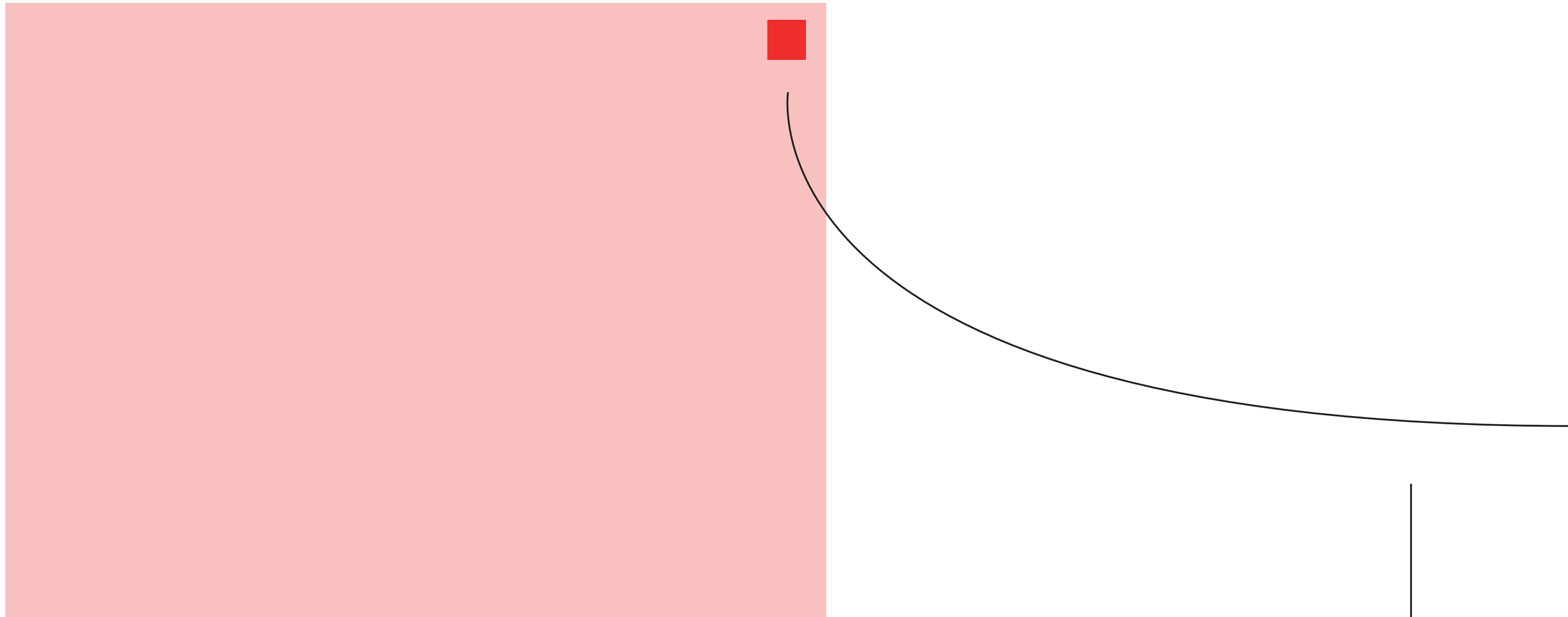
680 Pixel > 3,5m



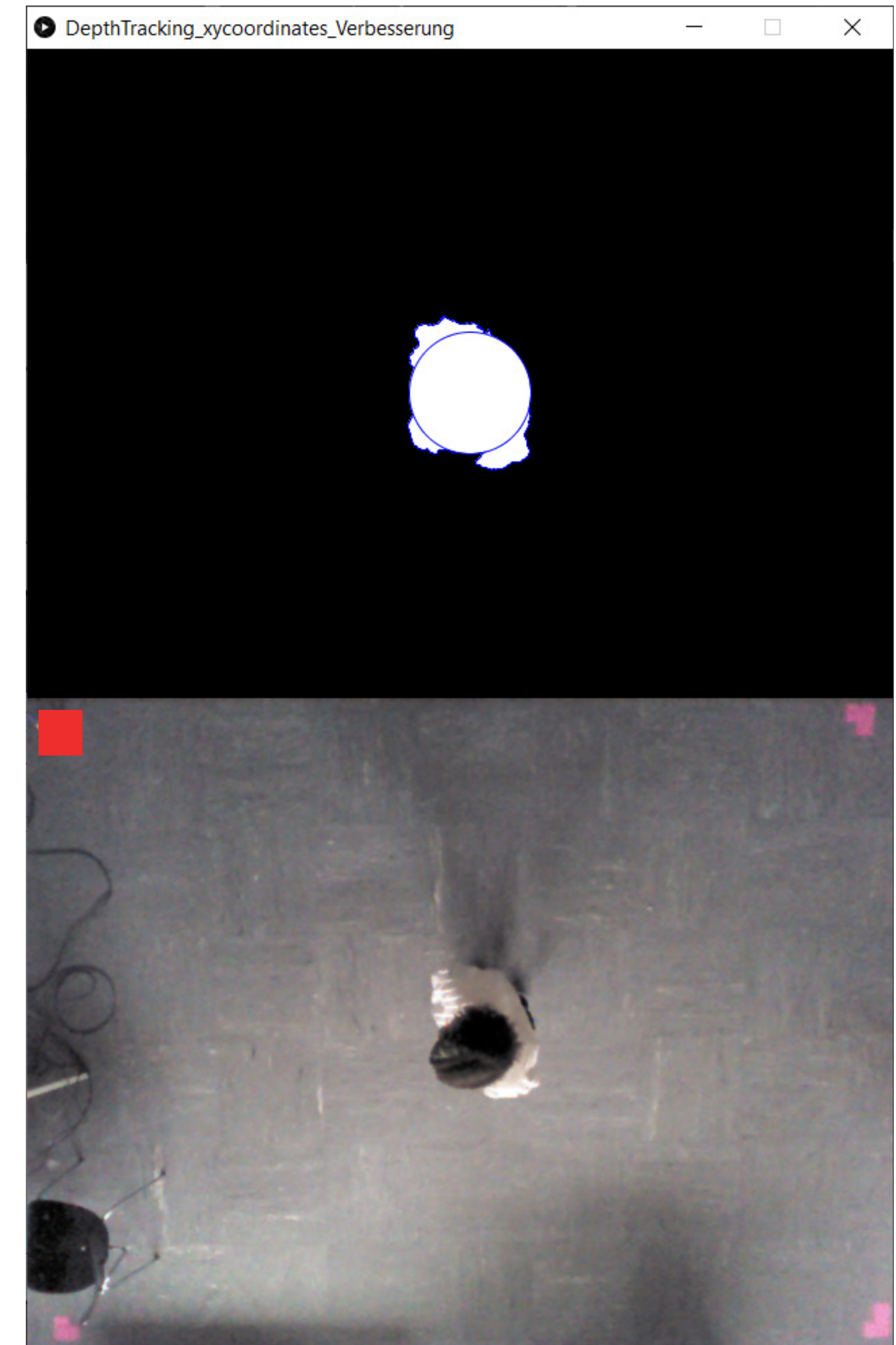
480 Pixel > 2,5m



Aktuelles Trackingfeld



Spiegelung vom
Beamerbild



Geplantes Trackingfeld

