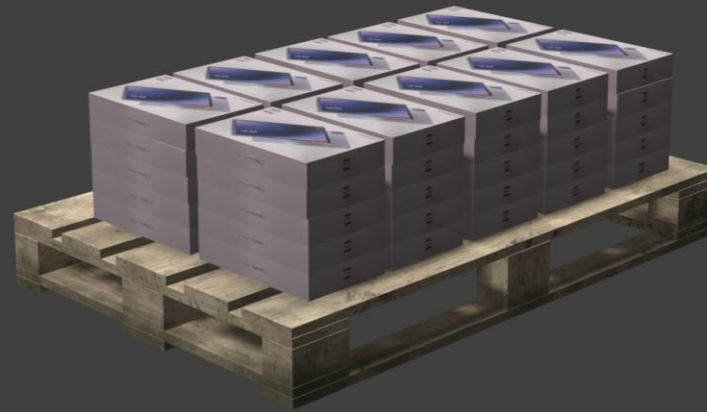


BOX COUNTER

Нистратов Михаил

ЗАДАЧА

Обучить модель Yolo.
Используя обученную модель,
подсчитать количество коробок,
расположенных на паллете, по
изображениям вида left.png и
right.png.




МЕТОД РЕШЕНИЯ

- YOLOv8-Seg (Сегментация объектов) – обучение и дальнейшее использование
- Фильтрация вложенных масок
- Анализ координат и геометрии
- Объединение данных с двух ракурсов
- Генерация отчёта



DATASET

DATASET




View on Universe


boxes


Instance Segmentation


DAT

↑ Upload Data

 Annotate

 Dataset 72


 Versions


 Train

Analytics


Classes & Tags


MODELS

 Models

 Visualize

DEPLOY

 Deployments

 Dataset [How to Search](#)

+ New Dataset Version

⚡ Train Model ▾

Search images


Q Search

Filter by filename


Split ▾


Classes ▾


Sort By Newest ▾

 Search by Image


☐ 0 images selected



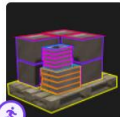




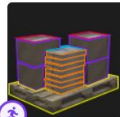
🔗
pallet_0_0_41.png




🔗
pallet_0_0_35.png




🔗
pallet_0_0_34.png




🔗
pallet_0_0_47.png



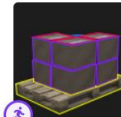
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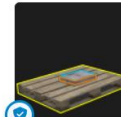
🔗
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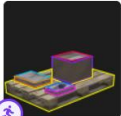
🔗
pallet_0_0_42.png




🔗
pallet_0_0_33.png




🔗
pallet_0_0_23.png




🔗
pallet_0_0_25.png




🔗
pallet_0_0_18.png



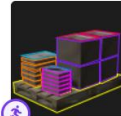
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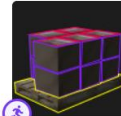
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pallet_0_0_37.png



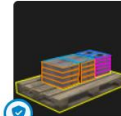
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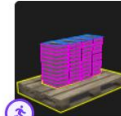
🔗
pallet_0_0_40.png




🔗
pallet_0_0_6.png




🔗
pallet_0_0_51.png



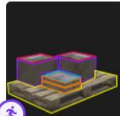
🔗
pallet_0_0_17.png




🔗
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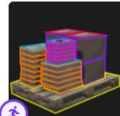
🔗
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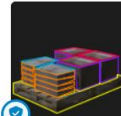
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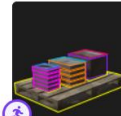
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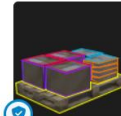
🔗
pallet_0_0_56.png




🔗
pallet_0_0_50.png




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pallet_0_0_32.png




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pallet_0_0_49.png




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pallet_0_0_5.png




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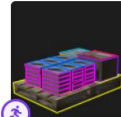
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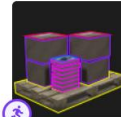
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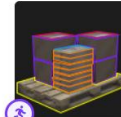
🔗



🔗



🔗

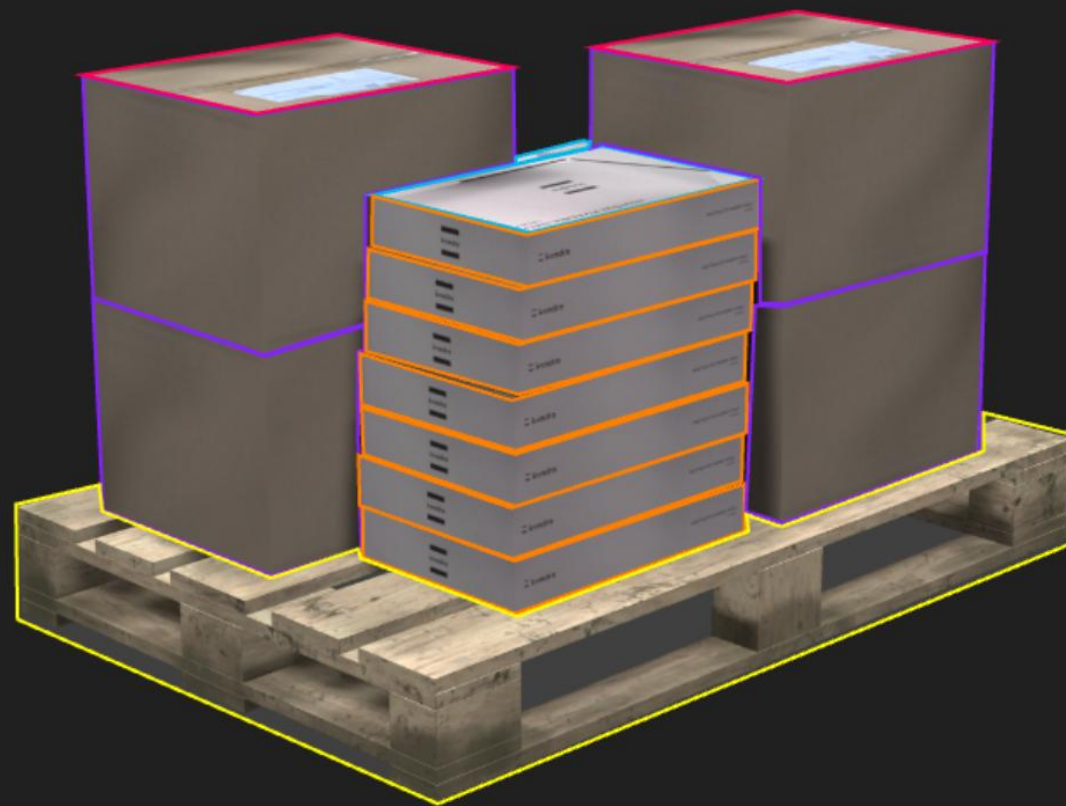


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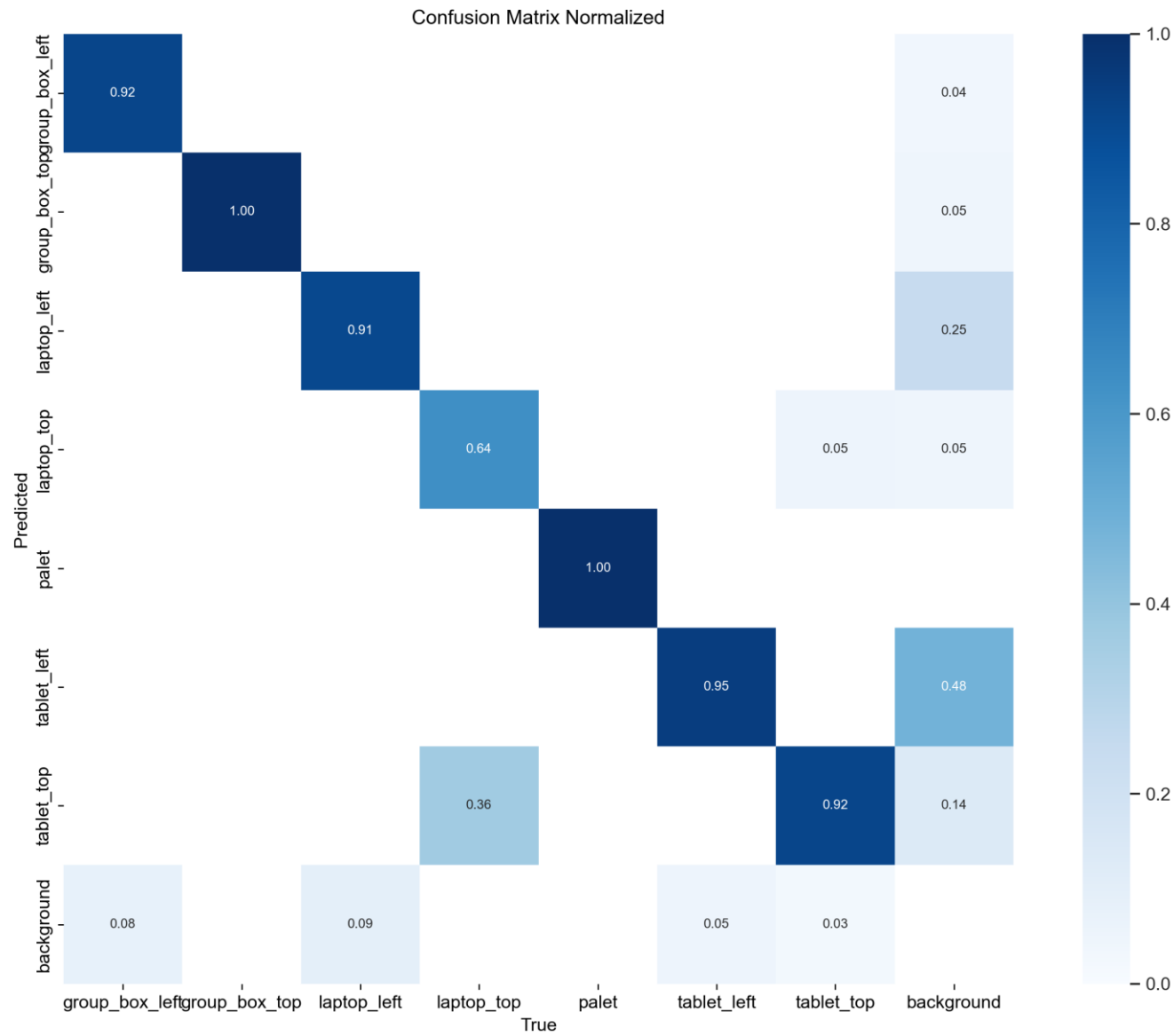
Images per page: 50 ▾

< 1 - 50 of 72 >

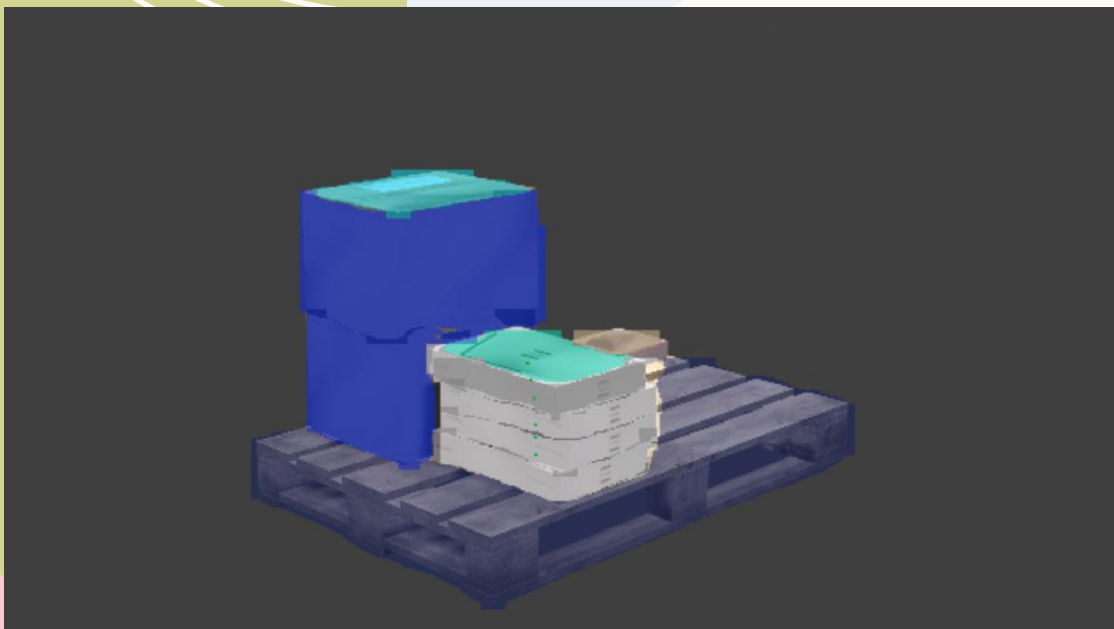
ДАТАСЕТ



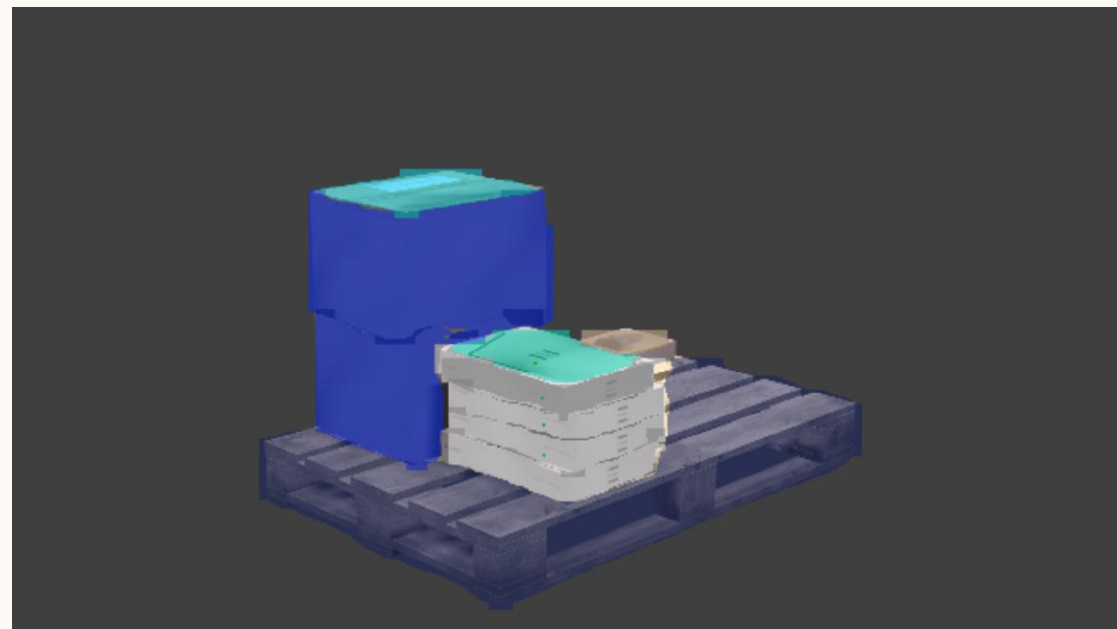
РЕЗУЛЬТАТЫ ОБУЧЕНИЯ



ФИЛЬТРАЦИЯ ВЛОЖЕННЫХ МАСОК

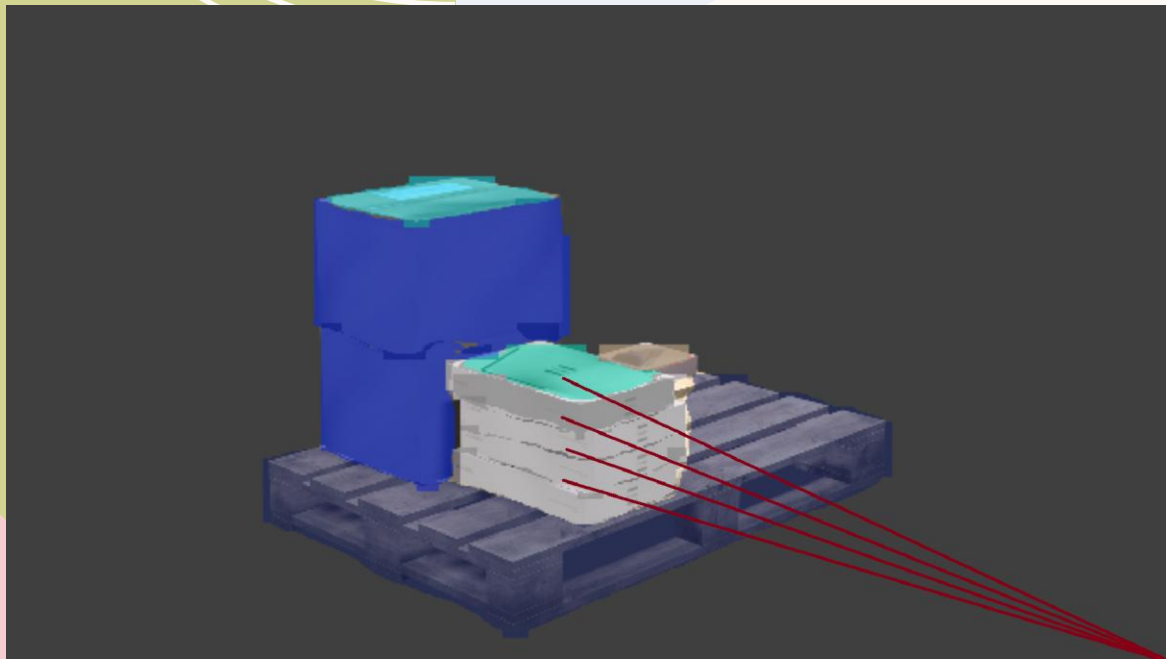


До

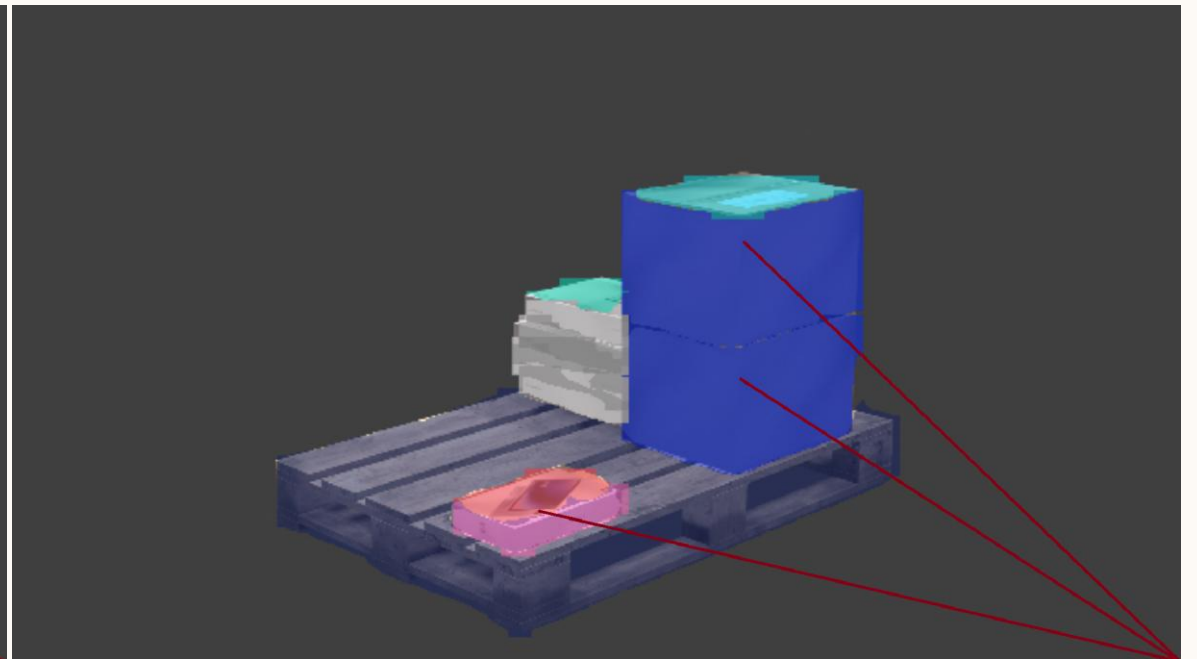


После

АНАЛИЗ КООРДИНАТ И ГЕОМЕТРИИ



Left img



Right img

Search Everywhere Double Shift

Recent Files Ctrl+E

Navigation Bar Alt+Home

Drop files here to open them

Terminal Local × Local (2) × Local (3) × + ▾

```
=> CACHED [box_counter 4/5] RUN pip install --upgrade pip && pip install -r /tmp/requirements.txt
```

```
=> CACHED [box_counter 5/5] WORKDIR /root
```

```
=> [box_counter] exporting to image
```

```
=> => exporting layers
```

```
=> => naming to docker.io/library/test_yolo-box_counter:latest
```

```
=> => unpacking to docker.io/library/test_yolo-box_counter:latest
```

```
=> [box_counter] resolving provenance for metadata file
```

[+] Building 1/1

✓ box_counter Built

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СПАСИБО

Нистратов Михаил

Группа 4011

TG: @Karkush

Email: tokkaa@yandex.ru