SPAWAR Systems Center PACIFIC

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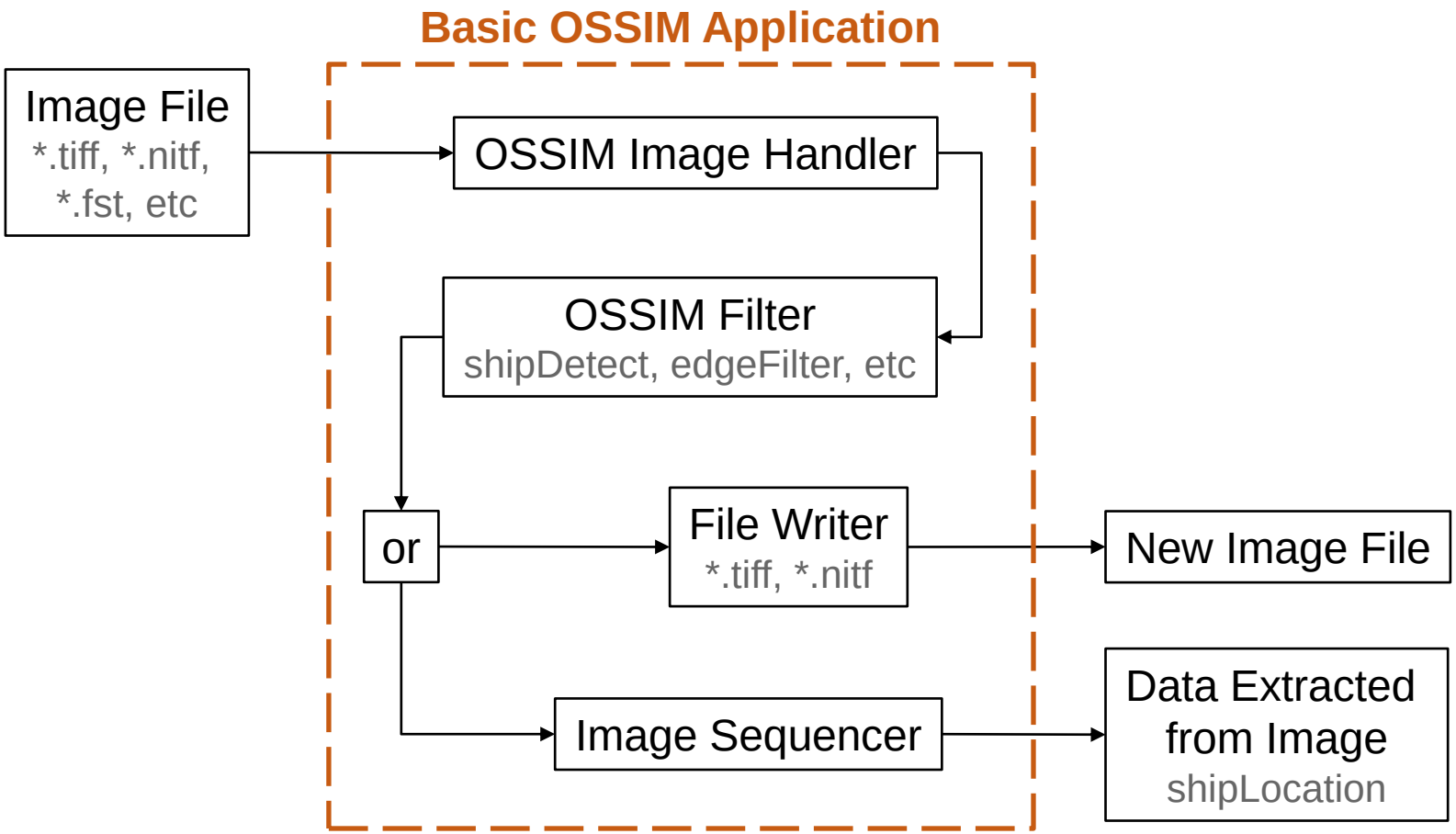
Distribution Statement A: Unlimited Distribution

Basic OSSIM Application Map



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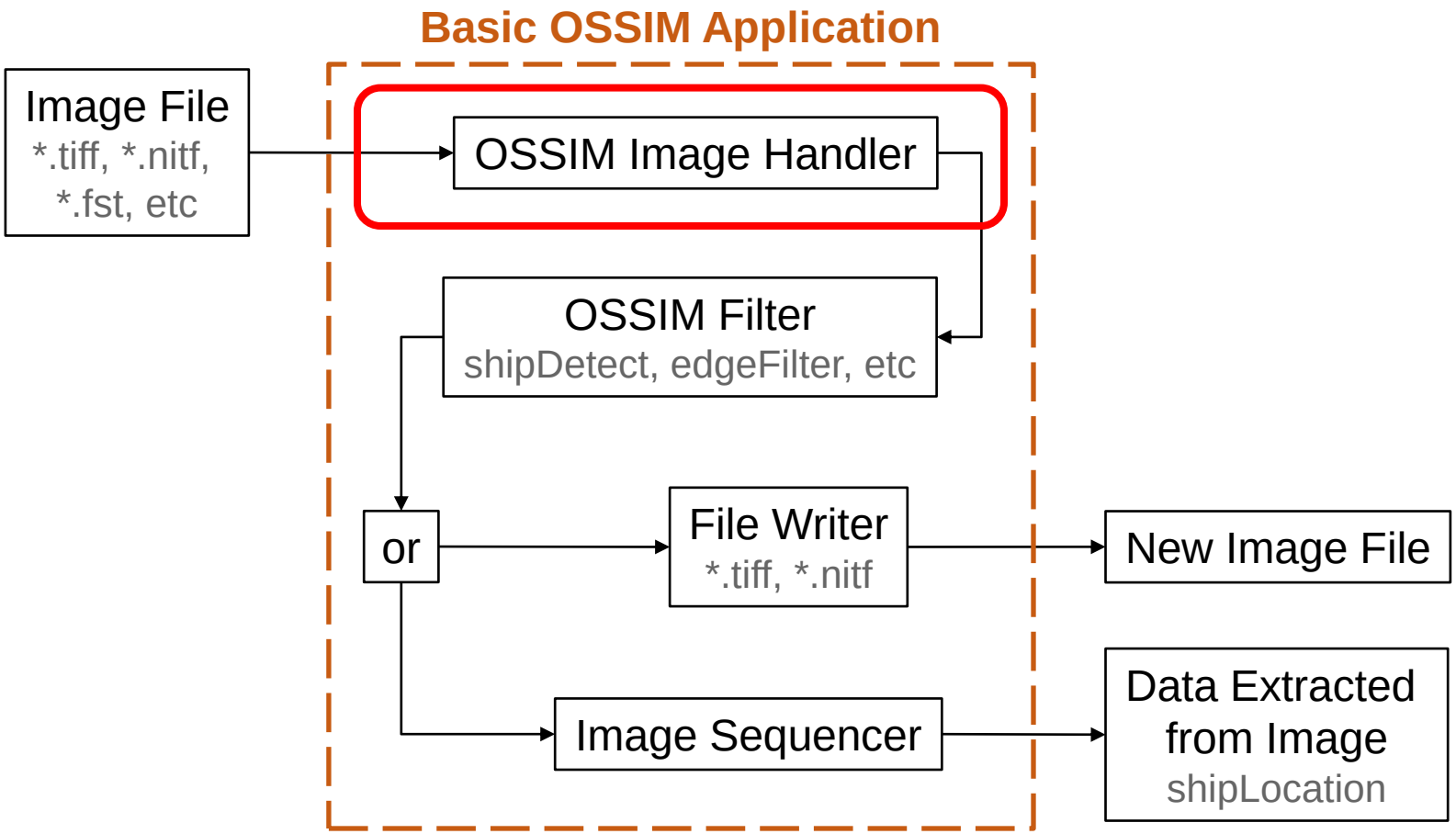

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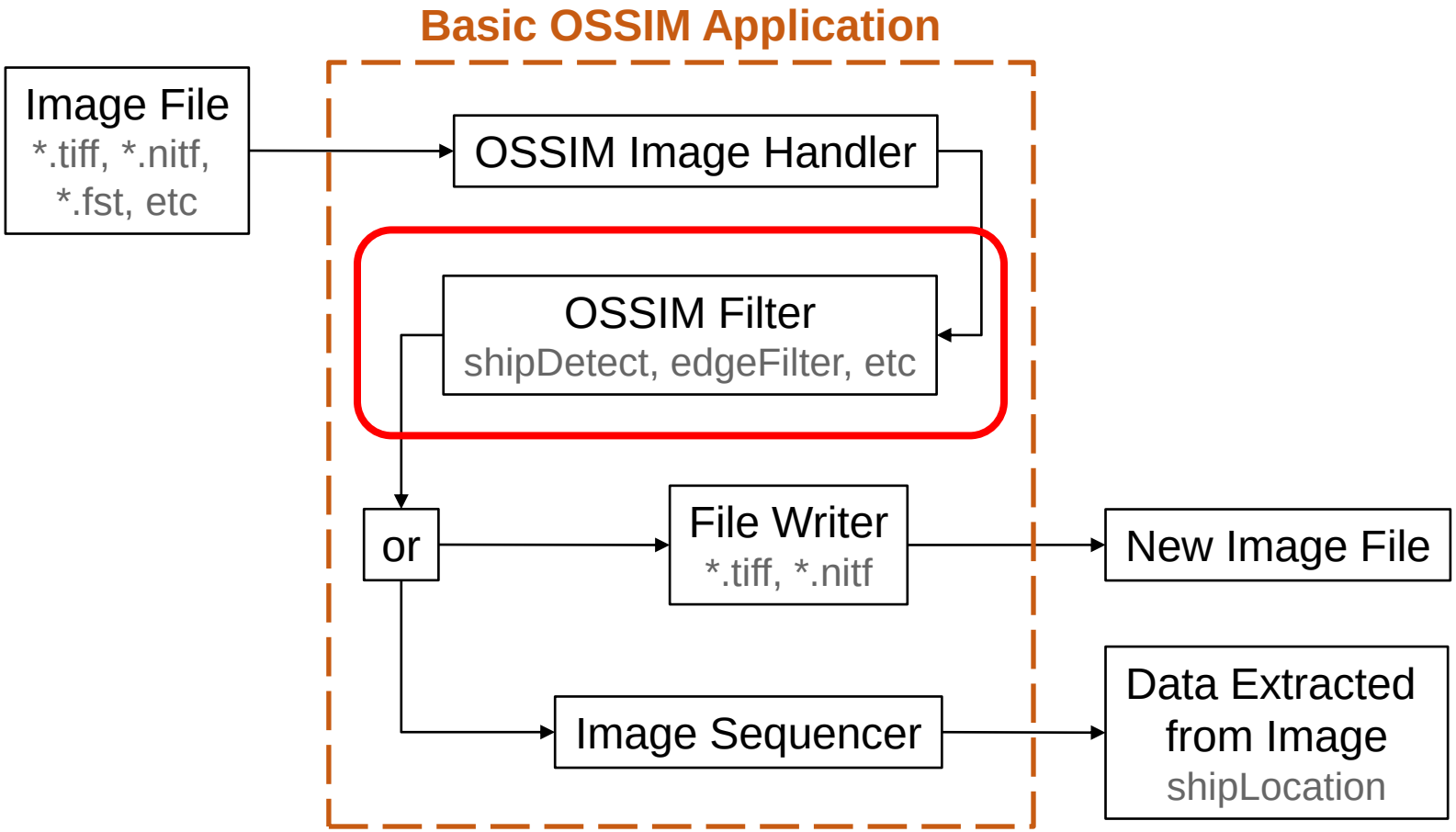

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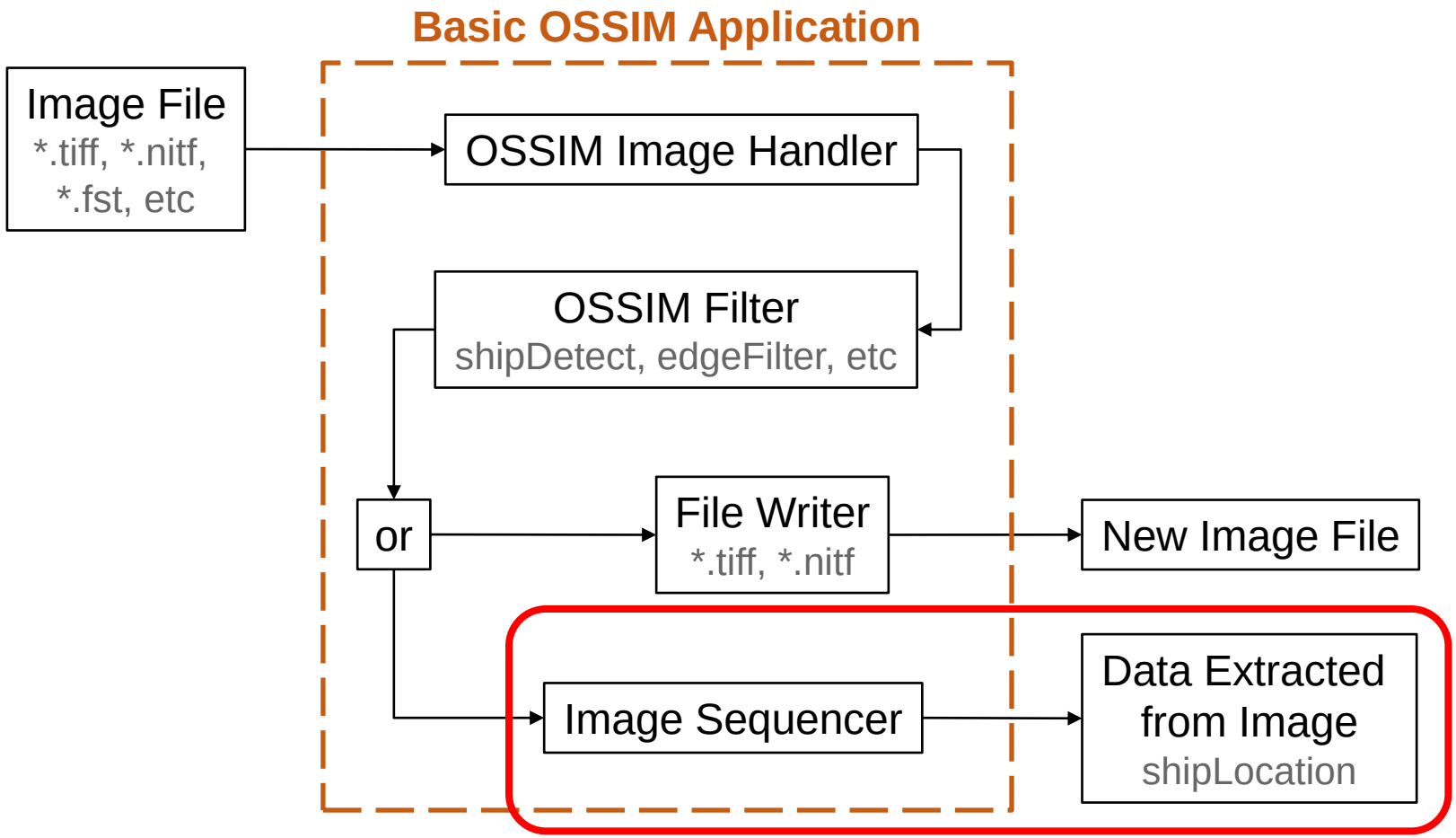

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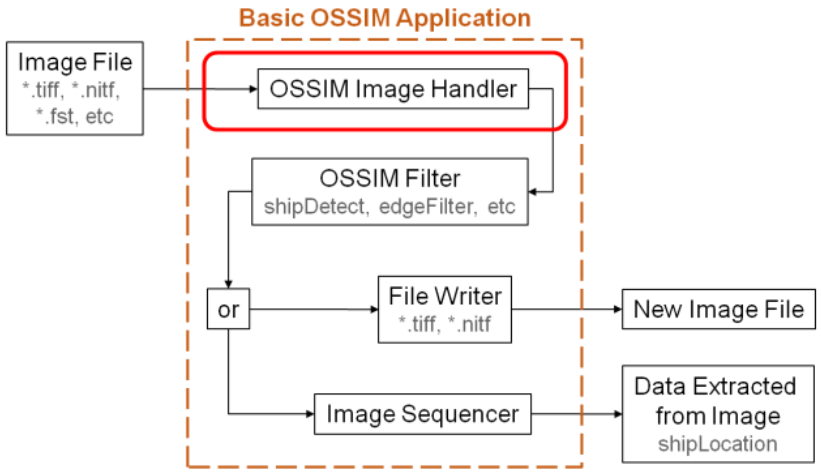

OSSIM Image Handler

We used two different handlers

- Shape (SHP) file handler
- Image handler

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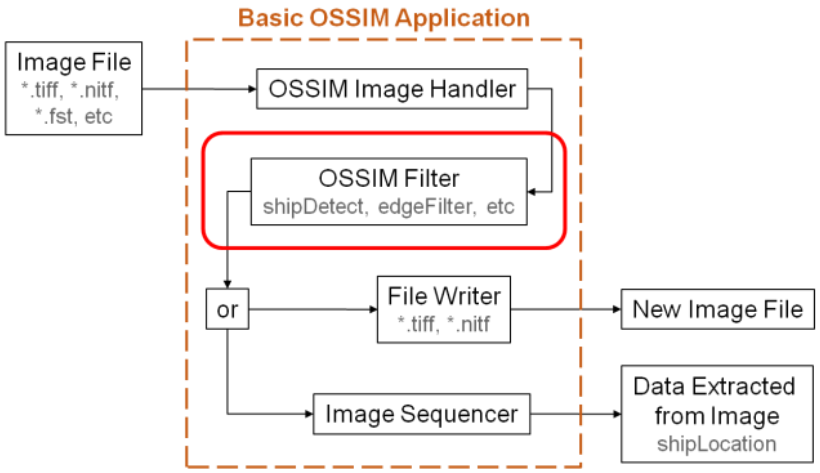

OSSIM Filter(s)

Land Masking Filter
Overlayed SHP file to
"mask out" the land
From the image

shipDetectionAppFilter
- Threshold the image
- Use OpenCV with Blobs
- Write blobs to a KML
- Write placemarks to a KML
- Write blobs to a SHP

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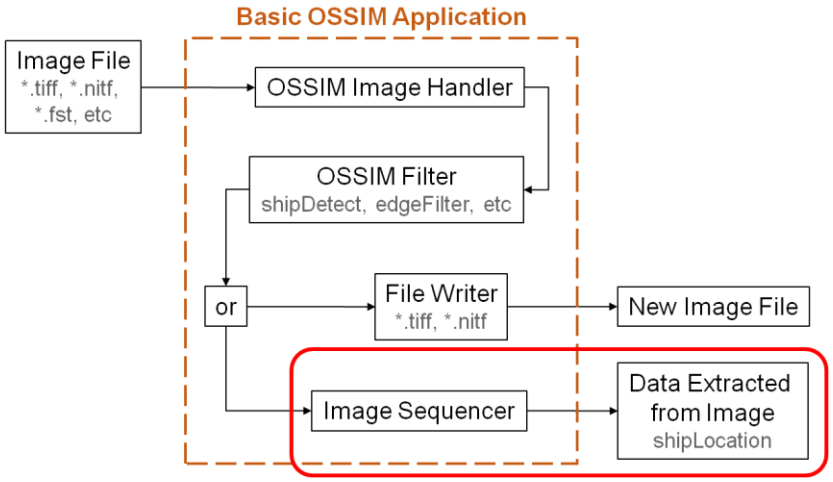

OSSIM Image Sequencer

This ran through the image
but it did not output anything

We could have used a file writer if we had wanted to create an output image

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Contact Information

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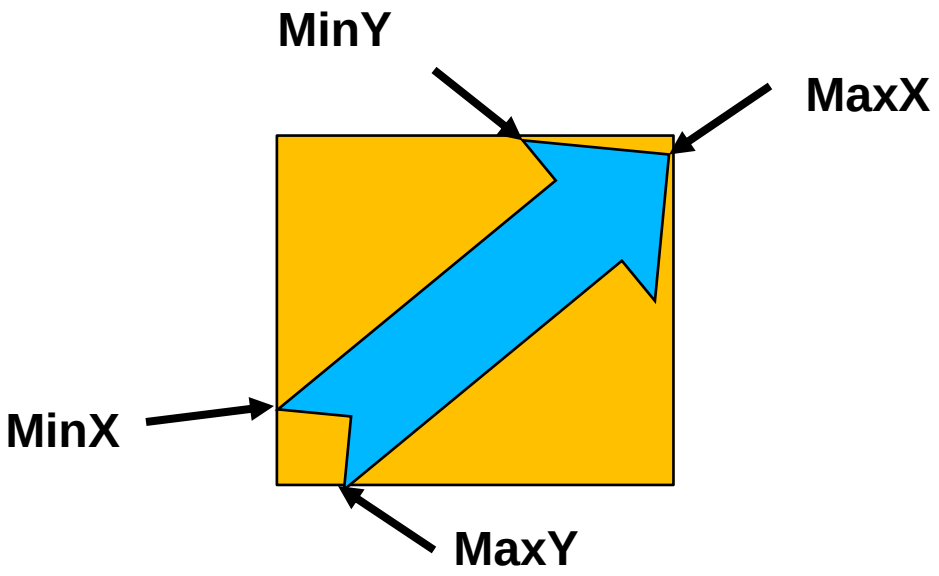
MaxX-MinX * MaxY-MinY = Area of yellow box

Blob.Area() = area of blue arrow



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