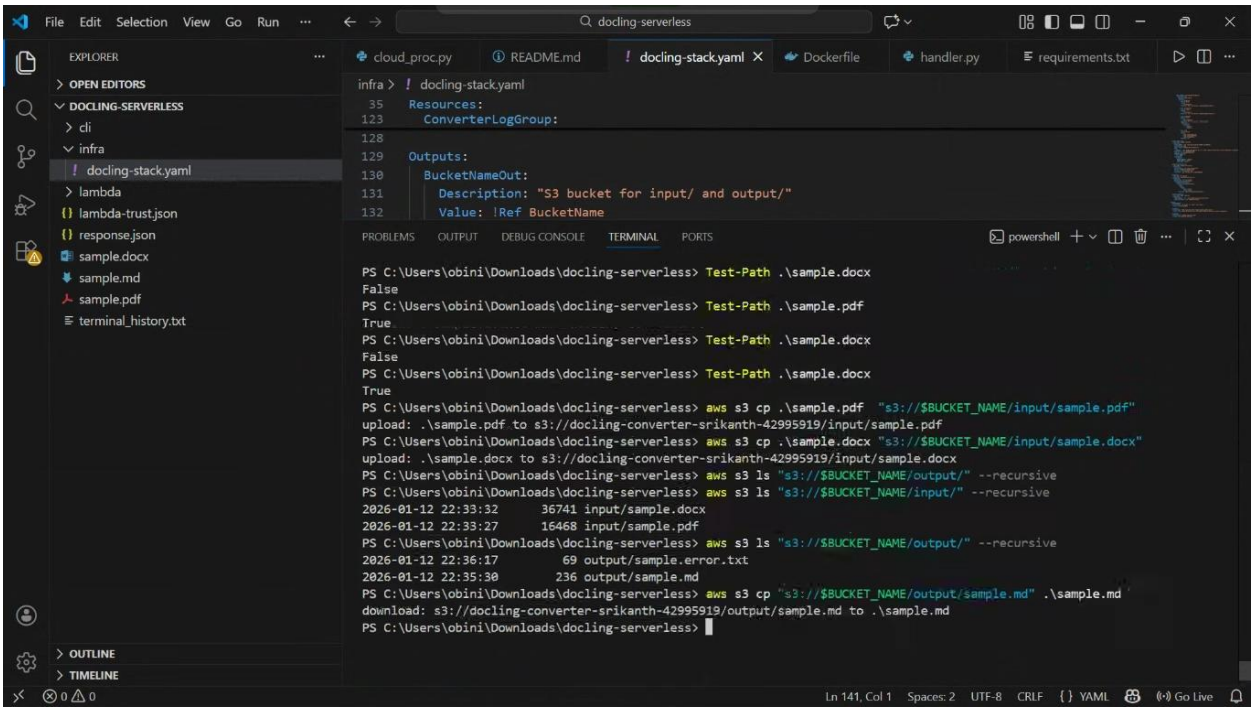
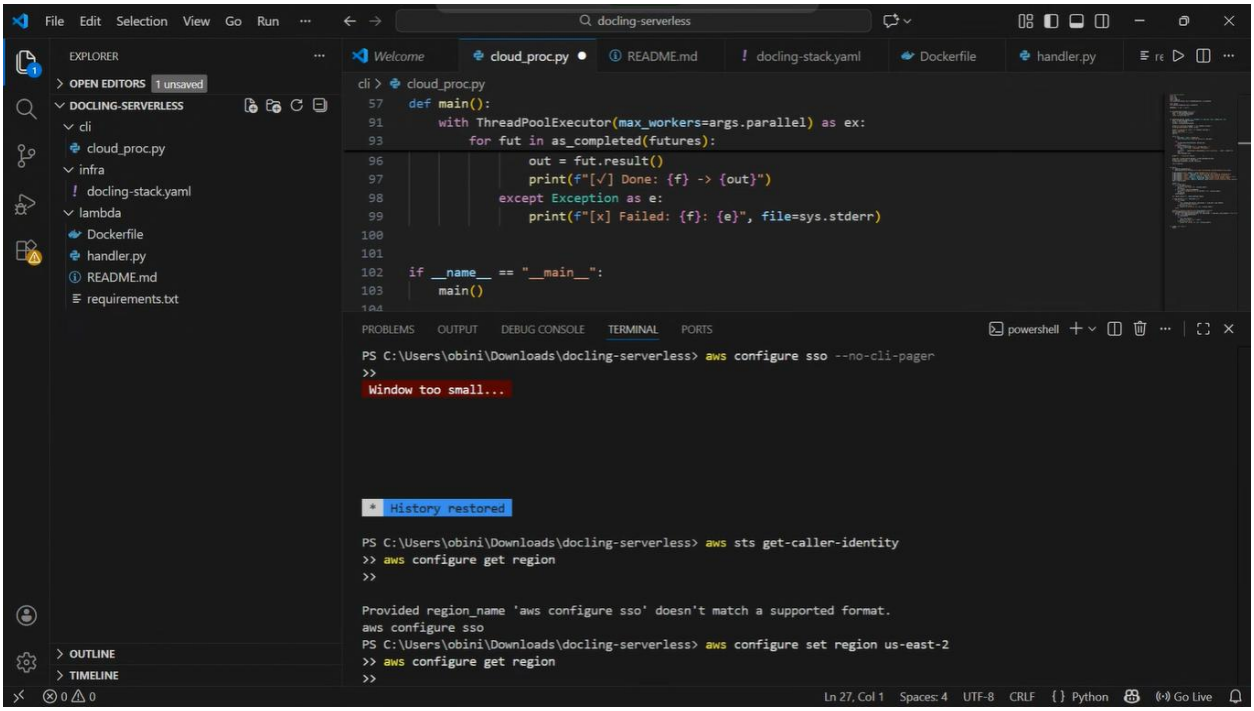
This is the final scrren show of giving iputs like .pdf and .docx and getting output as MD markdown file




File Edit Selection View Go Run
docling-serverless
EXPLORER
OPEN EDITORS 1 unsaved
DOCLING-SERVERLESS
cli
cloud_proc.py
infra
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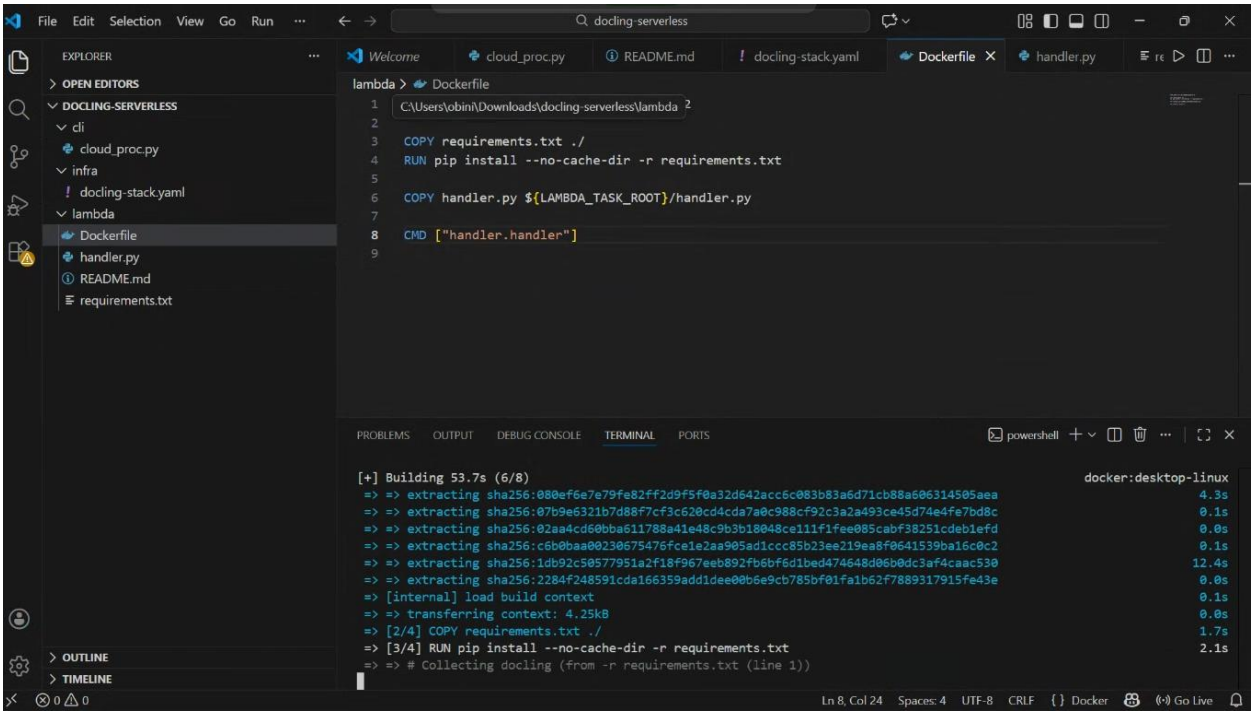
lambda
Dockerfile
handler.py
README.md
requirements.txt
Welcome
cloud_proc.py
README.md
docling-stack.yaml
Dockerfile
handler.py
cli > cloud_proc.py
57 def main():
91 with ThreadPoolExecutor(max_workers=args.parallel) as ex:
93 for fut in as_completed(futures):
96 out = fut.result()
97 print(f"[✓] Done: {f} -> {out}")
98 except Exception as e:
99 print(f"[x] Failed: {f}: {e}", file=sys.stderr)
102 if __name__ == "__main__":
103 main()
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
powershell
PS C:\Users\obini\Downloads\docling-serverless> aws configure sso --no-cli-pager
>>
Window too small...
History restored
PS C:\Users\obini\Downloads\docling-serverless> aws sts get-caller-identity
>> aws configure get region
>>
Provided region_name 'aws configure sso' doesn't match a supported format.
aws configure sso
PS C:\Users\obini\Downloads\docling-serverless> aws configure set region us-east-2
>> aws configure get region
>>
OUTLINE
TIMELINE
Ln 27, Col 1 Spaces: 4 UTF-8 CRLF { } Python Go Live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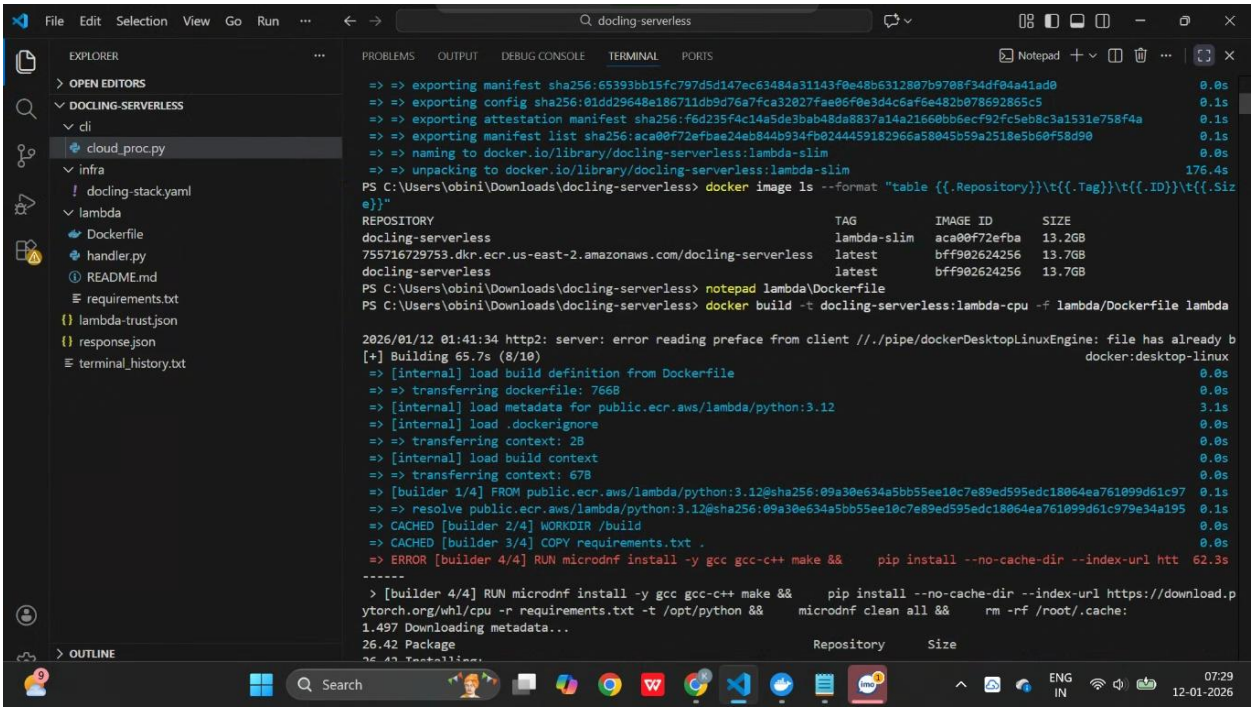
Dockerfile
handler.py
lambda > Dockerfile
C:\Users\obini\Downloads\docling-serverless\lambda
1 COPY requirements.txt ./
2 RUN pip install --no-cache-dir -r requirements.txt
3
4 COPY handler.py ${LAMBDA_TASK_ROOT}/handler.py
5
6 CMD ["handler.handler"]
7
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
powershell
[+] Building 53.7s (6/8) docker:desktop-linux
=> => extracting sha256:080ef6e7e79fe82ff2d9f5f0a32d642acc6c083b83a6d71cb88a606314505aea 4.3s
=> => extracting sha256:07b9e6321b7d88f7cf3c620cd4cda7a0c988cf92c3a2a493ce45d74e4fe7bd8c 0.1s
=> => extracting sha256:02aa4cd60bba611788a41e48c9b3b18048ce111f1fee085cabf38251cdeb1efd 0.0s
=> => extracting sha256:c6b0baa00230675476fce1e2aa905ad1ccc85b23ee219ea8f0641539ba16c0c2 0.1s
=> => extracting sha256:1db92c50577951a2f18f967eeb892fb6bf6d1bed474648d06b0dc3af4caac530 12.4s
=> => extracting sha256:2284f248591cda166359add1dee00b6e9cb785bf01fa1b62f7889317915fe43e 0.0s
=> [internal] load build context 0.1s
=> => transferring context: 4.25kB 0.0s
=> [2/4] COPY requirements.txt ./ 1.7s
=> [3/4] RUN pip install --no-cache-dir -r requirements.txt 2.1s
=> => # Collecting docling (from -r requirements.txt (line 1))
OUTLINE
TIMELINE
Ln 8, Col 24 Spaces: 4 UTF-8 CRLF { } Docker Go Live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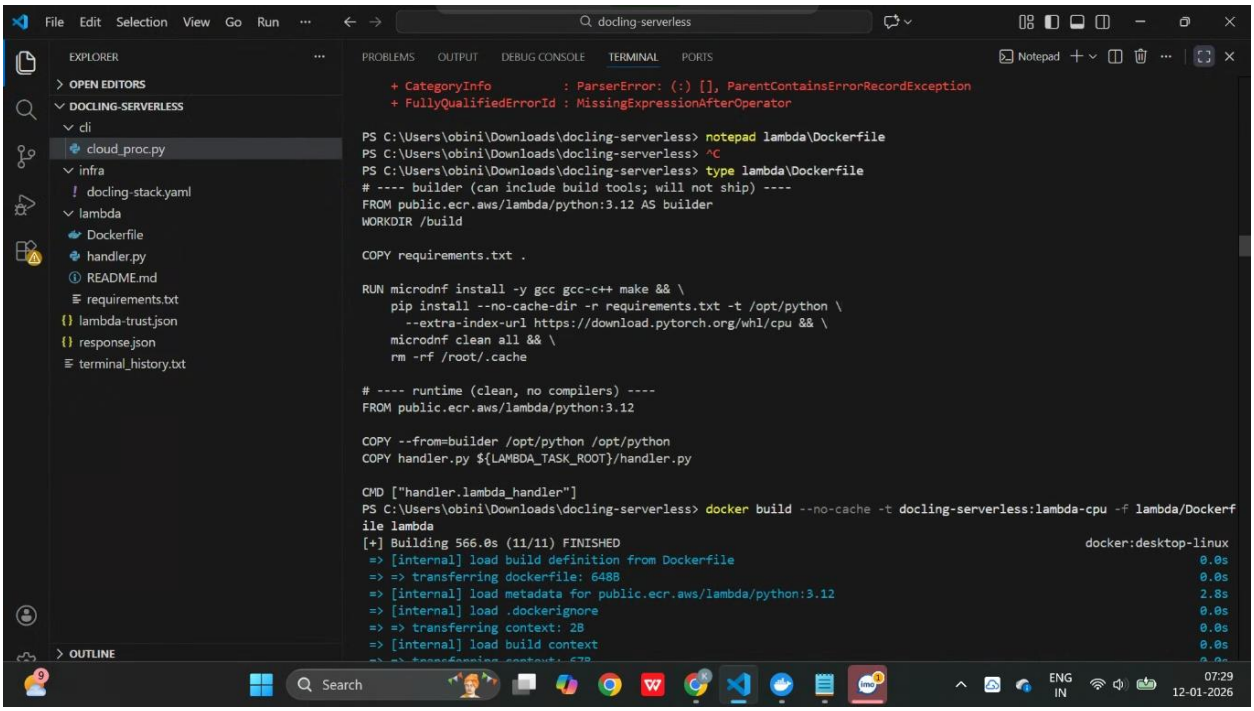
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Notepad
=> => exporting manifest sha256:65393bb15fc797d5d147ec63484a31143f0e48b6312807b9708f34df04a41ad0 0.0s
=> => exporting config sha256:01dd29648e186711db9d76a7fca32027fae06f0e3d4c6af6e482b078692865c5 0.1s
=> => exporting attestation manifest sha256:f6d235f4c14a5de3bab48da8837a14a21660bb6ecf92fc5eb8c3a1531e758f4a 0.1s
=> => exporting manifest list sha256:aca00f72efbae24eb844b934fb0244459182966a58045b59a2518e5b60f58d90 0.1s
=> => naming to docker.io/library/docling-serverless:lambda-slim 0.0s
=> => unpacking to docker.io/library/docling-serverless:lambda-slim 176.4s
PS C:\Users\obini\Downloads\docling-serverless> docker image ls --format "table {{.Repository}}\t{{.Tag}}\t{{.ID}}\t{{.Size}}"
REPOSITORY TAG IMAGE ID SIZE
docling-serverless lambda-slim aca00f72efba 13.2GB
755716729753.dkr.ecr.us-east-2.amazonaws.com/docling-serverless latest bff902624256 13.7GB
docling-serverless latest bff902624256 13.7GB
PS C:\Users\obini\Downloads\docling-serverless> notepad lambda\Dockerfile
PS C:\Users\obini\Downloads\docling-serverless> docker build -t docling-serverless:lambda-cpu -f lambda/Dockerfile lambda
2026/01/12 01:41:34 http2: server: error reading preface from client //./pipe/dockerDesktopLinuxEngine: file has already b
[+] Building 65.7s (8/10) docker:desktop-linux
=> [internal] load build definition from Dockerfile 0.0s
=> => transferring dockerfile: 766B 0.0s
=> [internal] load metadata for public.ecr.aws/lambda/python:3.12 3.1s
=> [internal] load .dockerignore 0.0s
=> => transferring context: 2B 0.0s
=> [internal] load build context 0.0s
=> => transferring context: 67B 0.0s
=> [builder 1/4] FROM public.ecr.aws/lambda/python:3.12@sha256:09a30e634a5bb55ee10c7e89ed595edc18064ea761099d61c97 0.1s
=> => resolve public.ecr.aws/lambda/python:3.12@sha256:09a30e634a5bb55ee10c7e89ed595edc18064ea761099d61c979e34a195 0.1s
=> CACHED [builder 2/4] WORKDIR /build 0.0s
=> CACHED [builder 3/4] COPY requirements.txt . 0.0s
=> ERROR [builder 4/4] RUN microdnf install -y gcc gcc-c++ make && pip install --no-cache-dir --index-url htt 62.3s
> [builder 4/4] RUN microdnf install -y gcc gcc-c++ make && pip install --no-cache-dir --index-url https://download.pytorch.org/whl/cpu -r requirements.txt -t /opt/python && microdnf clean all && rm -rf /root/.cache:
1.497 Downloading metadata...
26.42 Package Repository Size
Search
ENG IN
07:29 12-01-2026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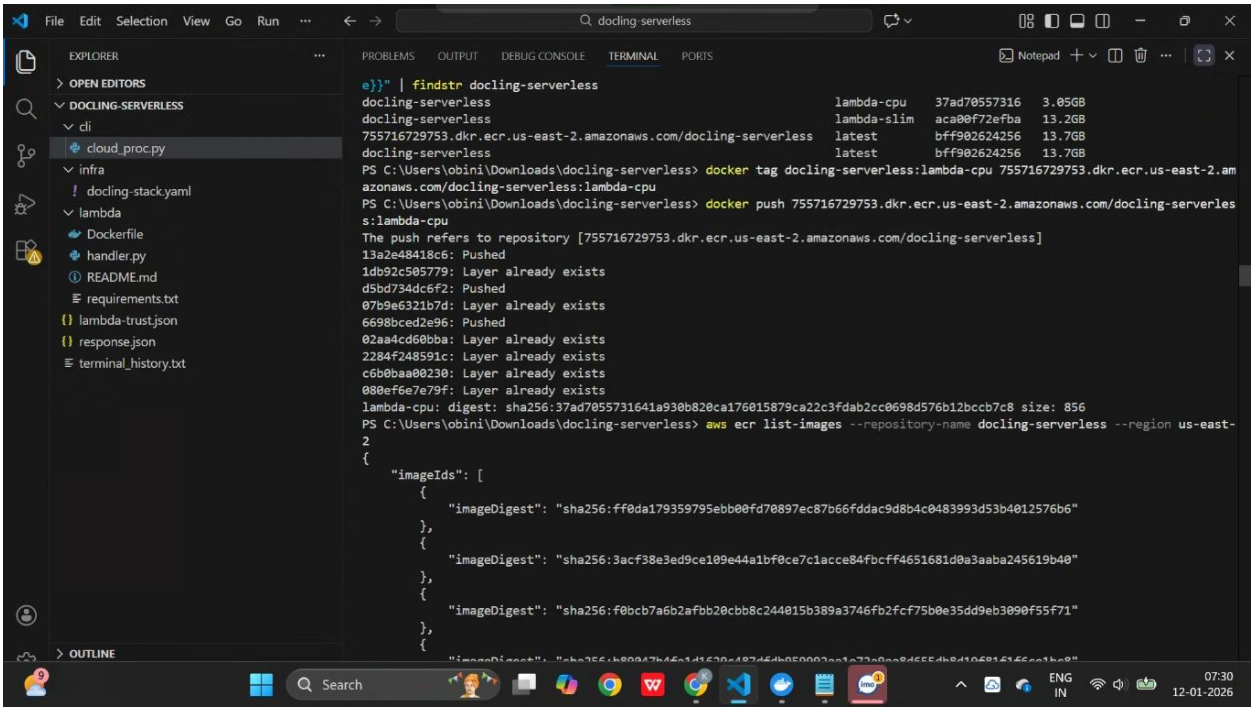
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Notepad
+ CategoryInfo : ParserError: (:) [], ParentContainsErrorRecordException
+ FullyQualifiedErrorId : MissingExpressionAfterOperator
PS C:\Users\obini\Downloads\docling-serverless> notepad lambda\Dockerfile
PS C:\Users\obini\Downloads\docling-serverless> ^C
PS C:\Users\obini\Downloads\docling-serverless> type lambda\Dockerfile
---- builder (can include build tools; will not ship) ----
FROM public.ecr.aws/lambda/python:3.12 AS builder
WORKDIR /build
COPY requirements.txt .
RUN microdnf install -y gcc gcc-c++ make && \
pip install --no-cache-dir -r requirements.txt -t /opt/python \
--extra-index-url https://download.pytorch.org/whl/cpu && \
microdnf clean all && \
rm -rf /root/.cache
---- runtime (clean, no compilers) ----
FROM public.ecr.aws/lambda/python:3.12
COPY --from=builder /opt/python /opt/python
COPY handler.py ${LAMBDA_TASK_ROOT}/handler.py
CMD ["handler.lambda_handler"]
PS C:\Users\obini\Downloads\docling-serverless> docker build --no-cache -t docling-serverless:lambda-cpu -f lambda/Dockerfile lambda
[+] Building 566.0s (11/11) FINISHED docker:desktop-linux
=> [internal] load build definition from Dockerfile 0.0s
=> => transferring dockerfile: 648B 0.0s
=> [internal] load metadata for public.ecr.aws/lambda/python:3.12 2.8s
=> [internal] load .dockerignore 0.0s
=> => transferring context: 2B 0.0s
=> [internal] load build context 0.0s
Search
ENG IN
07:29 12-01-2026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docling-serverless
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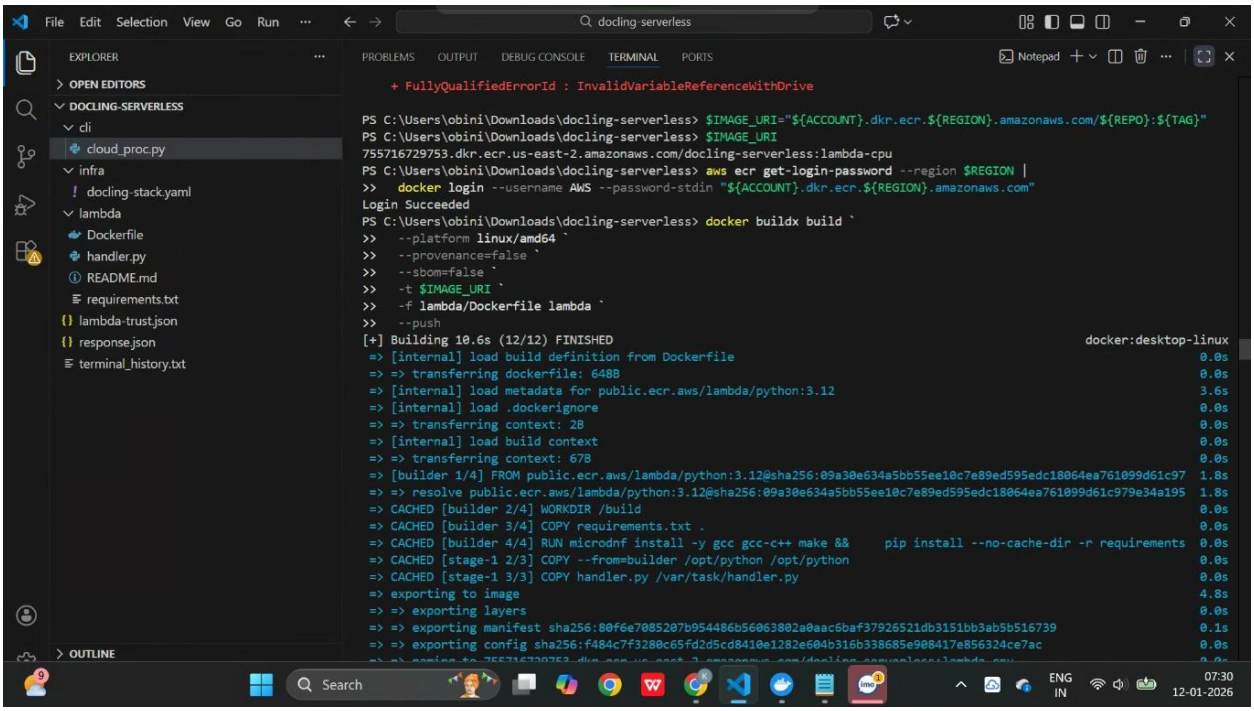
OUTLINE
e}}" | findstr docling-serverless
docling-serverless lambda-cpu 37ad70557316 3.05GB
docling-serverless lambda-slim aca00f72efba 13.2GB
755716729753.dkr.ecr.us-east-2.amazonaws.com/docling-serverless latest bff902624256 13.7GB
docling-serverless latest bff902624256 13.7GB
PS C:\Users\obini\Downloads\docling-serverless> docker tag docling-serverless:lambda-cpu 755716729753.dkr.ecr.us-east-2.amazonaws.com/docling-serverless:lambda-cpu
PS C:\Users\obini\Downloads\docling-serverless> docker push 755716729753.dkr.ecr.us-east-2.amazonaws.com/docling-serverless:lambda-cpu
The push refers to repository [755716729753.dkr.ecr.us-east-2.amazonaws.com/docling-serverless]
13a2e48418c6: Pushed
1db92c505779: Layer already exists
d5bd734dc6f2: Pushed
07b9e6321b7d: Layer already exists
6698bced2e96: Pushed
02aa4cd60bba: Layer already exists
2284f248591c: Layer already exists
c6b0baa00230: Layer already exists
080ef6e7e79f: Layer already exists
lambda-cpu: digest: sha256:37ad7055731641a930b820ca176015879ca22c3fdab2cc0698d576b12bccb7c8 size: 856
PS C:\Users\obini\Downloads\docling-serverless> aws ecr list-images --repository-name docling-serverless --region us-east-2
{
"imageIds": [
{
"imageDigest": "sha256:ff0da179359795ebb00fd70897ec87b66fddac9d8b4c0483993d53b4012576b6"
},
{
"imageDigest": "sha256:3acf38e3ed9ce109e44a1bf0ce7c1acce84fbcff4651681d0a3aaba245619b40"
},
{
"imageDigest": "sha256:f0bcb7a6b2afbb20cbb8c244015b389a3746fb2fcf75b0e35dd9eb3090f55f71"
},
{
Search
ENG IN
07:30 12-01-2026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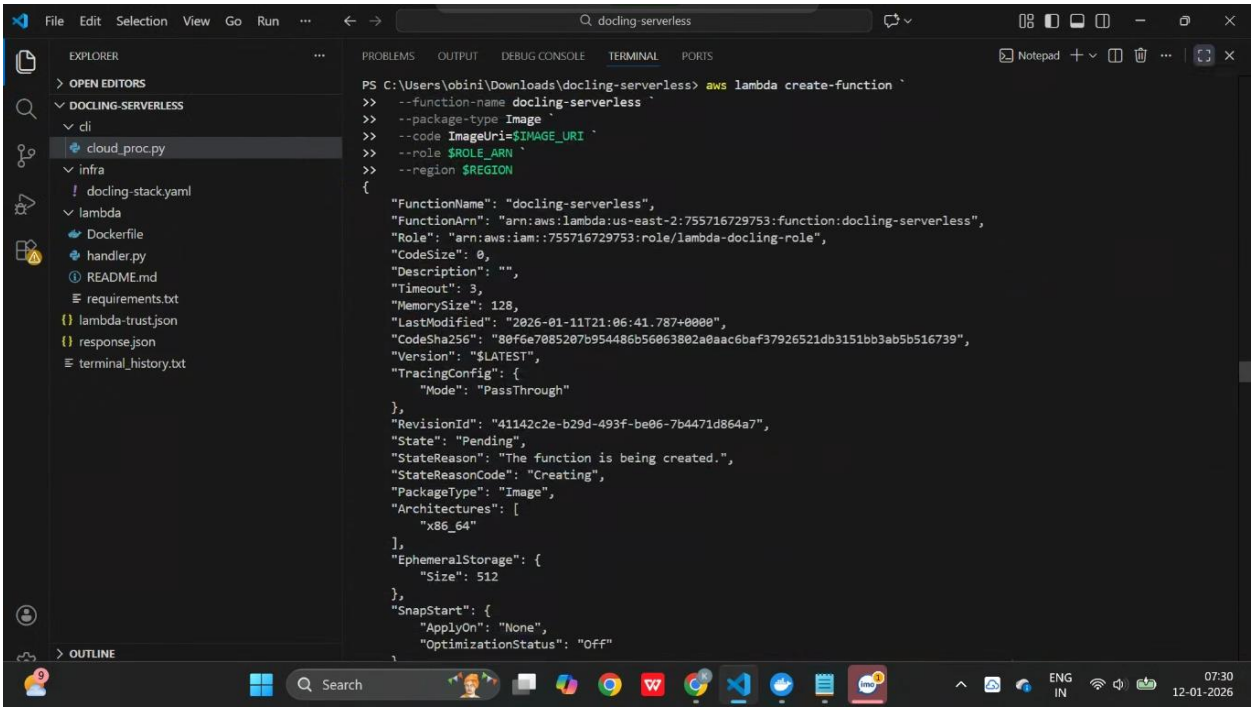
OUTLINE
+ FullyQualifiedErrorId : InvalidVariableReferenceWithDrive
PS C:\Users\obini\Downloads\docling-serverless> $IMAGE_URI="${ACCOUNT}.dkr.ecr.${REGION}.amazonaws.com/${REPO}:${TAG}"
PS C:\Users\obini\Downloads\docling-serverless> $IMAGE_URI
755716729753.dkr.ecr.us-east-2.amazonaws.com/docling-serverless:lambda-cpu
PS C:\Users\obini\Downloads\docling-serverless> aws ecr get-login-password --region $REGION |
>> docker login --username AWS --password-stdin "${ACCOUNT}.dkr.ecr.${REGION}.amazonaws.com"
Login Succeeded
PS C:\Users\obini\Downloads\docling-serverless> docker buildx build `
>> --platform linux/amd64 `
>> --provenance=false `
>> --sbom=false `
>> -t $IMAGE_URI `
>> -f lambda/Dockerfile lambda `
>> --push
[+] Building 10.6s (12/12) FINISHED docker:desktop-linux
=> [internal] load build definition from Dockerfile 0.0s
=> => transferring dockerfile: 648B 0.0s
=> [internal] load metadata for public.ecr.aws/lambda/python:3.12 3.6s
=> [internal] load .dockerignore 0.0s
=> => transferring context: 2B 0.0s
=> [internal] load build context 0.0s
=> => transferring context: 67B 0.0s
=> [builder 1/4] FROM public.ecr.aws/lambda/python:3.12@sha256:09a30e634a5bb55ee10c7e89ed595edc18064ea761099d61c97 1.8s
=> => resolve public.ecr.aws/lambda/python:3.12@sha256:09a30e634a5bb55ee10c7e89ed595edc18064ea761099d61c979e34a195 1.8s
=> CACHED [builder 2/4] WORKDIR /build 0.0s
=> CACHED [builder 3/4] COPY requirements.txt . 0.0s
=> CACHED [builder 4/4] RUN microdnf install -y gcc gcc-c++ make && pip install --no-cache-dir -r requirements 0.0s
=> CACHED [stage-1 2/3] COPY --from=builder /opt/python /opt/python 0.0s
=> CACHED [stage-1 3/3] COPY handler.py /var/task/handler.py 0.0s
=> exporting to image 4.8s
=> => exporting layers 0.0s
=> => exporting manifest sha256:80f6e7085207b954486b56063802a0aac6baf37926521db3151bb3ab5b516739 0.1s
=> => exporting config sha256:f484c7f3280c65fd2d5cd8410e1282e604b316b338685e908417e856324ce7ac 0.0s
Search
ENG IN
07:30 12-01-2026


File Edit Selection View Go Run
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PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Notepad
PS C:\Users\obini\Downloads\docling-serverless> aws lambda create-function `
>> --function-name docling-serverless `
>> --package-type Image `
>> --code ImageUri=$IMAGE_URI `
>> --role $ROLE_ARN `
>> --region $REGION
{
"FunctionName": "docling-serverless",
"FunctionArn": "arn:aws:lambda:us-east-2:755716729753:function:docling-serverless",
"Role": "arn:aws:iam::755716729753:role/lambda-docling-role",
"CodeSize": 0,
"Description": "",
"Timeout": 3,
"MemorySize": 128,
"LastModified": "2026-01-11T21:06:41.787+0000",
"CodeSha256": "80f6e7085207b954486b56063802a0aac6baf37926521db3151bb3ab5b516739",
"Version": "$LATEST",
"TracingConfig": {
"Mode": "PassThrough"
},
"RevisionId": "41142c2e-b29d-493f-be06-7b4471d864a7",
"State": "Pending",
"StateReason": "The function is being created.",
"StateReasonCode": "Creating",
"PackageType": "Image",
"Architectures": [
"x86_64"
],
"EphemeralStorage": {
"Size": 512
},
"SnapStart": {
"ApplyOn": "None",
"OptimizationStatus": "Off"
Search
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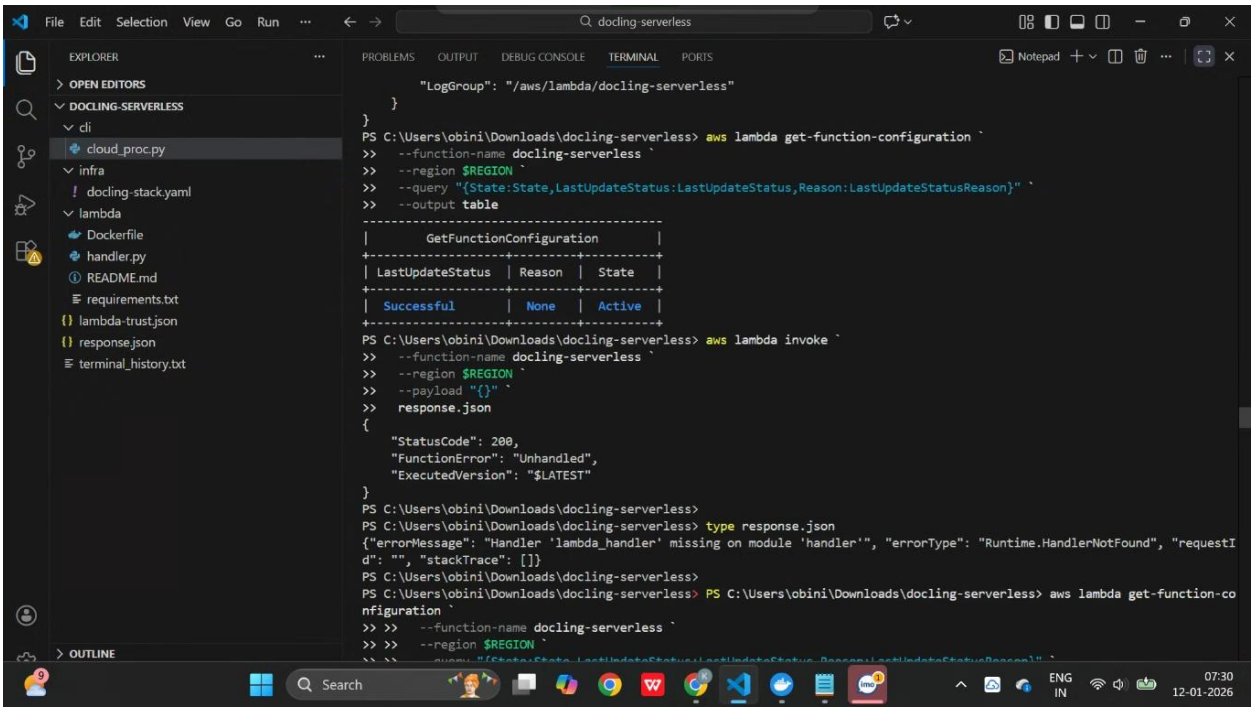
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Notepad
"LogGroup": "/aws/lambda/docling-serverless"
}
}
PS C:\Users\obini\Downloads\docling-serverless> aws lambda get-function-configuration `
>> --function-name docling-serverless `
>> --region $REGION `
>> --query "{State:State,LastUpdateStatus:LastUpdateStatus,Reason:LastUpdateStatusReason}" `
>> --output table
| GetFunctionConfiguration |
| LastUpdateStatus | Reason | State |
| Successful | None | Active |
PS C:\Users\obini\Downloads\docling-serverless> aws lambda invoke `
>> --function-name docling-serverless `
>> --region $REGION `
>> --payload "{}" `
>> response.json
{
"StatusCode": 200,
"FunctionError": "Unhandled",
"ExecutedVersion": "$LATEST"
}
PS C:\Users\obini\Downloads\docling-serverless>
PS C:\Users\obini\Downloads\docling-serverless> type response.json
{"errorMessage": "Handler 'lambda_handler' missing on module 'handler'", "errorType": "Runtime.HandlerNotFound", "requestId": "", "stackTrace": []}
PS C:\Users\obini\Downloads\docling-serverless>
PS C:\Users\obini\Downloads\docling-serverless> PS C:\Users\obini\Downloads\docling-serverless> aws lambda get-function-configuration `
>> >> --function-name docling-serverless `
>> >> --region $REGION `
Search
ENG
IN
07:30
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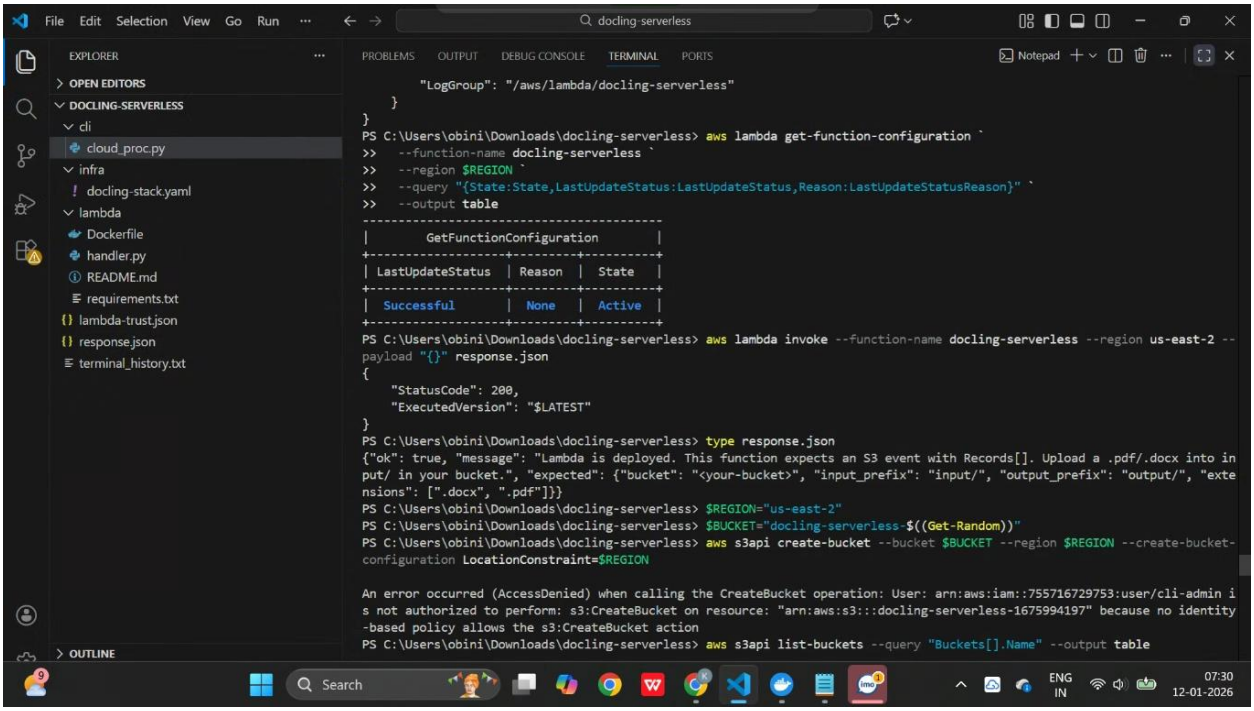
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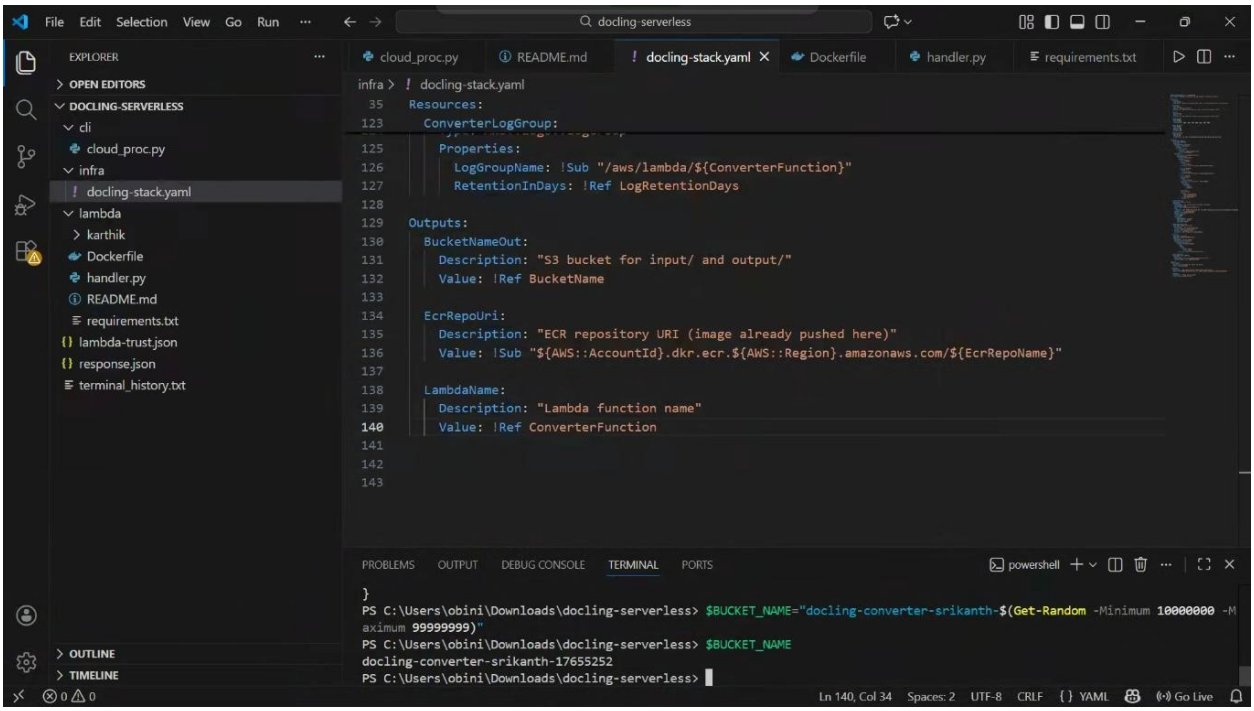
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Notepad
"LogGroup": "/aws/lambda/docling-serverless"
}
}
PS C:\Users\obini\Downloads\docling-serverless> aws lambda get-function-configuration `
>> --function-name docling-serverless `
>> --region $REGION `
>> --query "{State:State,LastUpdateStatus:LastUpdateStatus,Reason:LastUpdateStatusReason}" `
>> --output table
GetFunctionConfiguration
LastUpdateStatus | Reason | State
Successful | None | Active
PS C:\Users\obini\Downloads\docling-serverless> aws lambda invoke --function-name docling-serverless --region us-east-2 --payload "{}" response.json
{
"StatusCode": 200,
"ExecutedVersion": "$LATEST"
}
PS C:\Users\obini\Downloads\docling-serverless> type response.json
{"ok": true, "message": "Lambda is deployed. This function expects an S3 event with Records[]. Upload a .pdf/.docx into input/ in your bucket.", "expected": {"bucket": "<your-bucket>", "input_prefix": "input/", "output_prefix": "output/", "extensions": [".docx", ".pdf"]}}
PS C:\Users\obini\Downloads\docling-serverless> $REGION="us-east-2"
PS C:\Users\obini\Downloads\docling-serverless> $BUCKET="docling-serverless-$((Get-Random))"
PS C:\Users\obini\Downloads\docling-serverless> aws s3api create-bucket --bucket $BUCKET --region $REGION --create-bucket-configuration LocationConstraint=$REGION
An error occurred (AccessDenied) when calling the CreateBucket operation: User: arn:aws:iam::755716729753:user/cli-admin is not authorized to perform: s3:CreateBucket on resource: "arn:aws:s3:::docling-serverless-1675994197" because no identity-based policy allows the s3:CreateBucket action
PS C:\Users\obini\Downloads\docling-serverless> aws s3api list-buckets --query "Buckets[].Name" --output table
Search
ENG IN
07:30 12-01-2026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OUTLINE
TIMELINE
cloud_proc.py README.md docling-stack.yaml Dockerfile handler.py requirements.txt
infra > ! docling-stack.yaml
Resources:
ConverterLogGroup:
Properties:
LogGroupName: !Sub "/aws/lambda/${ConverterFunction}"
RetentionInDays: !Ref LogRetentionDays
Outputs:
BucketNameOut:
Description: "S3 bucket for input/ and output/"
Value: !Ref BucketName
EcrRepoUri:
Description: "ECR repository URI (image already pushed here)"
Value: !Sub "${AWS::AccountId}.dkr.ecr.${AWS::Region}.amazonaws.com/${EcrRepoName}"
LambdaName:
Description: "Lambda function name"
Value: !Ref ConverterFunction
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
powershell
}
PS C:\Users\obini\Downloads\docling-serverless> $BUCKET_NAME="docling-converter-srikanth-$(Get-Random -Minimum 10000000 -Maximum 99999999)"
PS C:\Users\obini\Downloads\docling-serverless> $BUCKET_NAME
docling-converter-srikanth-17655252
PS C:\Users\obini\Downloads\docling-serverless>
Ln 140, Col 34 Spaces: 2 UTF-8 CRLF { } YAML Go Live