

If I could spare anyone even a fraction of the time it took me to configure this properly I can only imagine the time saved, given the last two days of head pounding I've gone through to finally make this correctly work with the latest AWS SDK (v3.2.5).

So all that under the bridge, here's a final config to have your images, and any (all) associated filters cached in your S3 buckets.

app/config/parameters.yml

```
parameters:
  # You probably don't want to use "latest" in a production
  environment...
  aws_sdk_version: latest
  aws_access_key_id: YOUR_AWS_ACCESS_KEY_ID
  aws_secret_access_key: YOUR_AWS_SECRET_ACCESS_KEY
  aws_s3_region: us-east-1
  aws_bucket_name: YOUR_BUCKET_NAME
  # This isn't required for this config, but I use it everywhere,
  so..
  aws_s3_base_url: 'https://s3.amazonaws.com'
```

app/config/config.yml

```
knp_gaufrette:
  stream_wrapper:
    protocol: litwicki
  adapters:
    images:
      aws_s3:
        service_id: litwicki.aws_s3
        bucket_name: %image_bucket%
        options:
```

```
        create: true
fileystems:
  images:
    adapter:  images
    alias:    images_filesystem
liip_imagine:

data_loader: stream.images

filter_sets:
  litwicki_thumbnail:
    cache: avatars
    data_loader: litwicki.data_loader.litwicki_thumbnail
    quality: 75
    filters:
      thumbnail: { size: [360, 640], mode: inbound }
      upscale: { min: [360, 640] }
      relative_resize: { widen: 640 }
```

/path/to/services.yml

note: you could also just include this in app/config/config.yml

services:

```
litwicki.aws_credentials:
  class: Aws\Credentials\Credentials
  arguments: [%aws_access_key_id%, %aws_secret_access_key%]

litwicki.aws_s3:
  class: Aws\S3\S3Client
  #factory_class: Aws\S3\S3Client
```

```
#factory_method: 'factory'
```

```
arguments:
```

```
-
```

```
  #key: %aws_access_key_id%
```

```
  #secret: %aws_secret_access_key%
```

```
  region: %aws_s3_region%
```

```
  version: %aws_sdk_version%
```

```
  credentials: @litwicki.aws_credentials
```

```
litwicki_litwicki_thumbnails.imagine.cache.resolver.amazon_s3:
```

```
  class: Liip\ImagineBundle\Imagine\Cache\Resolver\AwsS3Resolver
```

```
  arguments:
```

```
    - "@litwicki.aws_s3"
```

```
    - "%image_bucket%"
```

```
  tags:
```

```
    - { name: 'liip_imagine.cache.resolver', resolver:
```

```
'litwicki_thumbnails' }
```

```
litwicki.liip_imagine.binary.loader.litwicki.data_loader.litwicki_thum  
bnail:
```

```
  class: "%liip_imagine.binary.loader.stream.class%"
```

```
  arguments:
```

```
    - 'litwicki://litwicki_thumbnails/'
```

```
  tags:
```

```
    - { name: 'liip_imagine.binary.loader', loader:
```

```
'litwicki.data_loader.litwicki_thumbnail' }
```