

GCS Directory

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- Specifying a prefix

This covers how to load document objects from an Google Cloud Storage (GCS) directory.

```
from langchain.document_loaders import GCSDirectoryLoader
```

```
# !pip install google-cloud-storage
```

```
loader = GCSDirectoryLoader(project_name="aist", bucket="testing-hwc")
```

```
loader.load()
```

```
/Users/harrisonchase/workplace/langchain/.venv/lib/python3.10/site-  
packages/google/auth/_default.py:83: UserWarning: Your application has  
authenticated using end user credentials from Google Cloud SDK without a quota  
project. You might receive a "quota exceeded" or "API not enabled" error. We  
recommend you rerun `gcloud auth application-default login` and make sure a quota  
project is added. Or you can use service accounts instead. For more information  
about service accounts, see https://cloud.google.com/docs/authentication/  
warnings.warn(_CLOUD_SDK_CREDENTIALS_WARNING)  
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about service accounts, see https://cloud.google.com/docs/authentication/  
warnings.warn(_CLOUD_SDK_CREDENTIALS_WARNING)
```

```
[Document(page_content='Lorem ipsum dolor sit amet.', lookup_str='', metadata=
```

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```
['/var/folders/y6/8_bzdg295ld6s1_97_12m4lr0000gn/T/tmpz37njh7u/fake.docx'},  
lookup_index=0)]
```

Specifying a prefix

You can also specify a prefix for more finegrained control over what files to load.

```
loader = GCSDirectoryLoader(project_name="aist", bucket="testing-hwc",  
prefix="fake")
```

```
loader.load()
```

```
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about service accounts, see https://cloud.google.com/docs/authentication/  
warnings.warn(_CLOUD_SDK_CREDENTIALS_WARNING)
```

```
[Document(page_content='Lorem ipsum dolor sit amet.', lookup_str='', metadata=  
{ 'source':  
'/var/folders/y6/8_bzdg295ld6s1_97_12m4lr0000gn/T/tmpylg6291i/fake.docx'},  
lookup_index=0)]
```