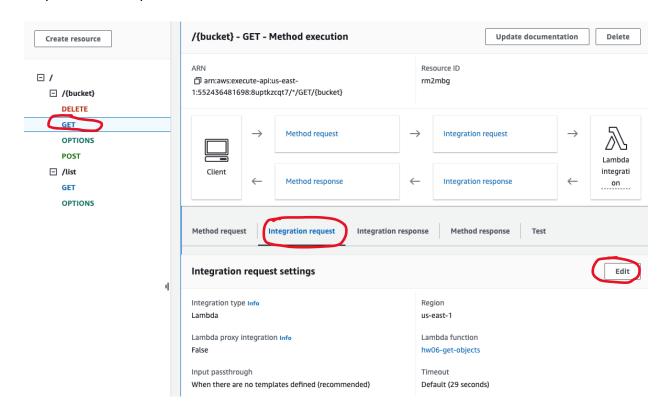# Tips on Passing and Receiving Parameters

After creating your Resource (e.g. /{bucket}) and an associated Method (e.g. GET), go to the "Integration Request" tab and press the "Edit" button.

In the section for "Request body passthrough" select "When there are no templates defined (recommended)".

Expand the section for "Mapping templates" and either use a predefined template or manually type one as shown below. Enter "application/json" for the Content Type.

Add additional keys as needed. For instance, "file_name" or "body".

In your receiving lambda function, you will now have a value in your event object corresponding to what you just passed through in the mapping template above. For instance, in Python, you could access the value by using the code:

```python
def lambda_handler(event, context):
    bucket_name = event["bucket"]
```

Handling POST body

In API Gateway, create a new resource for "POST". In the "Method Request", create a "Request Body" with a content type of "application/json" and a Name of "Empty".

In the "Integration Request", you may find it easier to use the "Generate template" feature for creating a Mapping template. Select the "Method request passthrough" option and use the default template. The only caveat to this approach is that you need to use code like this in your receiving Python function:

```python
def lambda_handler(event, context):
    bucket_name = event['body-json']['bucket']
    file_name = event['body-json']['file_name']
```