

# Inject a Predicate

```
def find_bad_articles(bucket_name, predicate):  
    client = boto3.client('s3', region_name=config.REGION_NAME)  
  
    for page in get_pages(client, bucket_name, config.PREFIX):  
        for key in keys_from(page):  
            lines = get_file(client, bucket_name, key)  
            if predicate(lines):  
                yield key  
  
if __name__ == "__main__":  
    print(list(find_bad_articles("my_bucket", predicate=???)
```

# Using a Closure

```
if __name__ == "__main__":  
    def is_stock_quotes(lines):  
        return check_article(lines,  
                               config.THRESHOLD,  
                               config.STOCK_SYMBOLS)  
    print(list(find_bad_articles("my_bucket", is_stock_quotes)))
```