

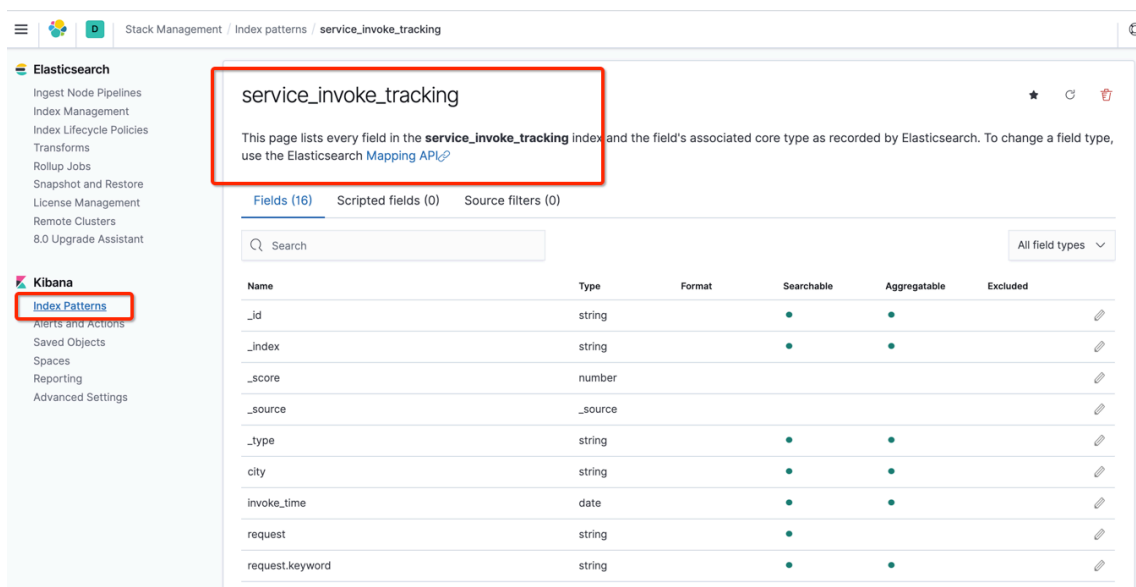
1 软件安装 (*es 7.8.1, kibana 7.8.1*)

(数据在另外的github文件:"可视化涉及的数据.md ")

- docker-compose -f docker-compose.yml up
- 增加索引
PUT service_invoke_tracking
- 导入一些样例数据
POST /service_invoke_tracking/_bulk

2 可视化

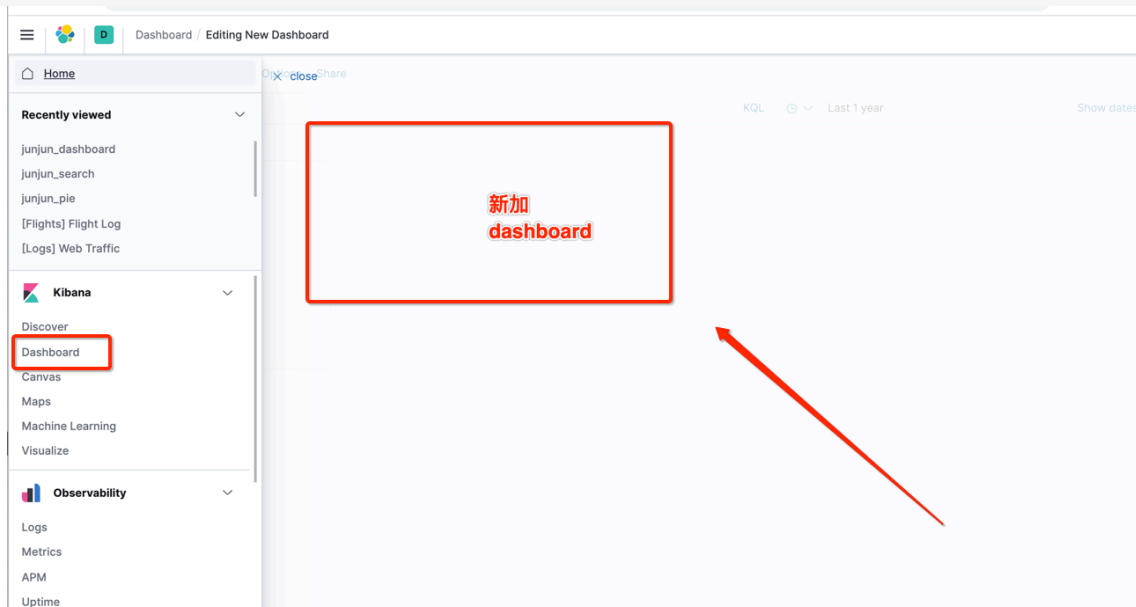
2.1 在*kibana* 中刷新索引



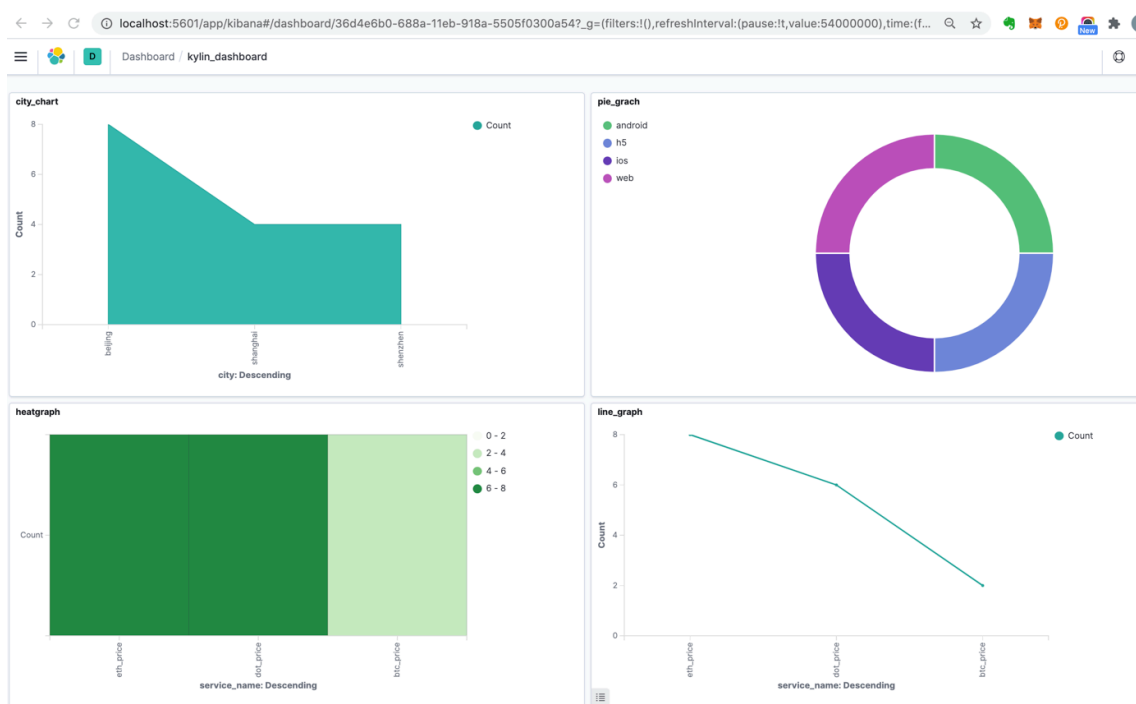
The screenshot shows the Kibana interface with the 'service_invoke_tracking' index pattern selected. The left sidebar shows the 'Index Patterns' menu item highlighted. The main content area displays a table of fields for the index, including _id, _index, _score, _source, _type, city, invoke_time, request, and request.keyword.

Name	Type	Format	Searchable	Aggregatable	Excluded
_id	string		•	•	
_index	string		•	•	
_score	number				
_source	_source				
_type	string		•	•	
city	string		•	•	
invoke_time	date		•	•	
request	string		•		
request.keyword	string		•	•	

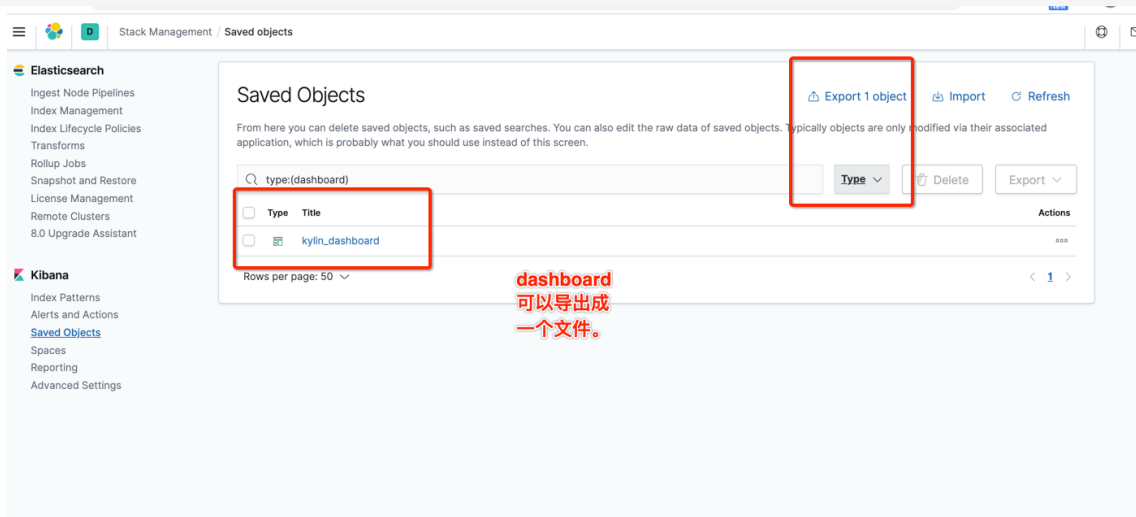
2.2 新建*dashboard*



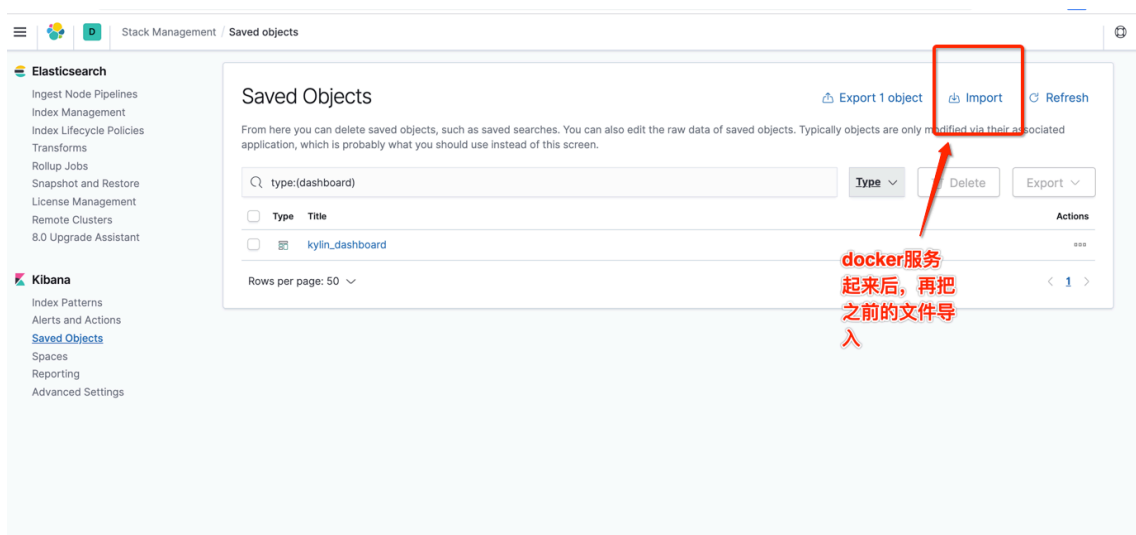
2.3 填充dashboard



2.4 导出dashboard到文件 export.ndjson



2.5 *export.ndjson* 导入系统



- 把这个导入命令集成到docker 生成的脚本里。

```
$ curl -X POST api/saved_objects/_import?createNewCopies=true -H "kbn-xsrf: true" --form file=@file.ndjson
```

<https://www.elastic.co/guide/en/kibana/master/saved-objects-api-import.html>