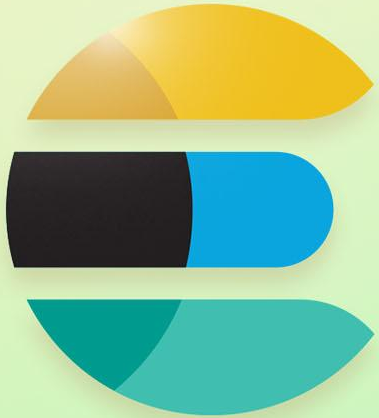
Leaf and compound queries



Leaf vs compound queries

- We have only covered leaf queries thus far
- Next up: compound queries
- Leaf queries search for values and are independent queries
    - E.g. the `term` and `match` queries
- Compound queries wrap *other* queries to produce a result

CodingExplained
CODE. SLEEP. REPEAT.

Two leaf queries

```
GET /products/_search
{
  "query": {
    "term": {
      "tags.keyword": "Alcohol"
    }
  }
}
```

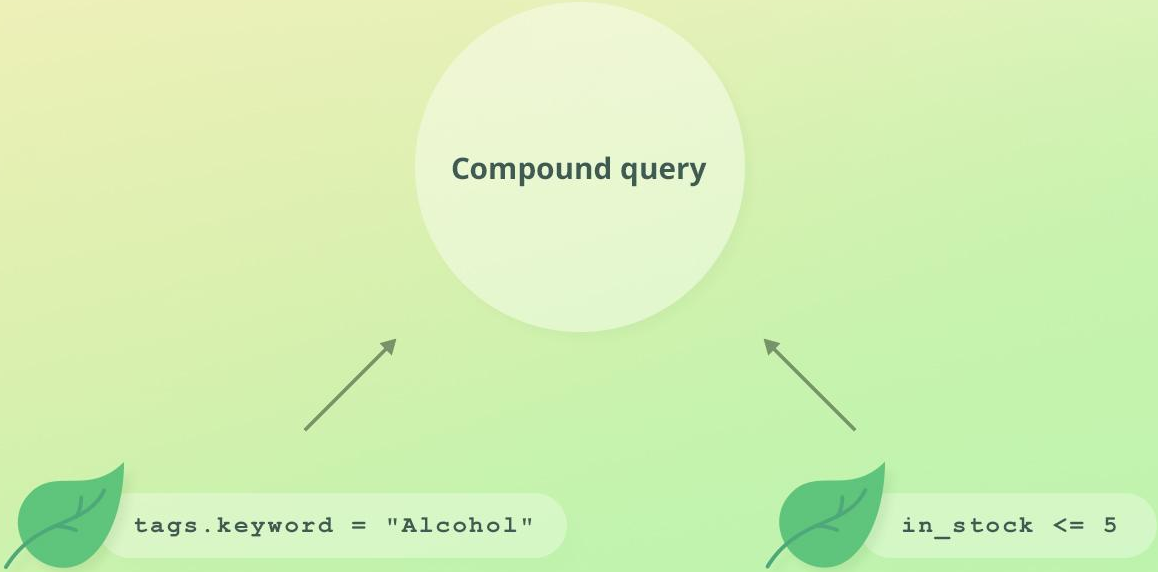
```
GET /products/_search
{
  "query": {
    "range": {
      "in_stock": {
        "lte": 5
      }
    }
  }
}
```

CodingExplained
CODE. SLEEP. REPEAT.

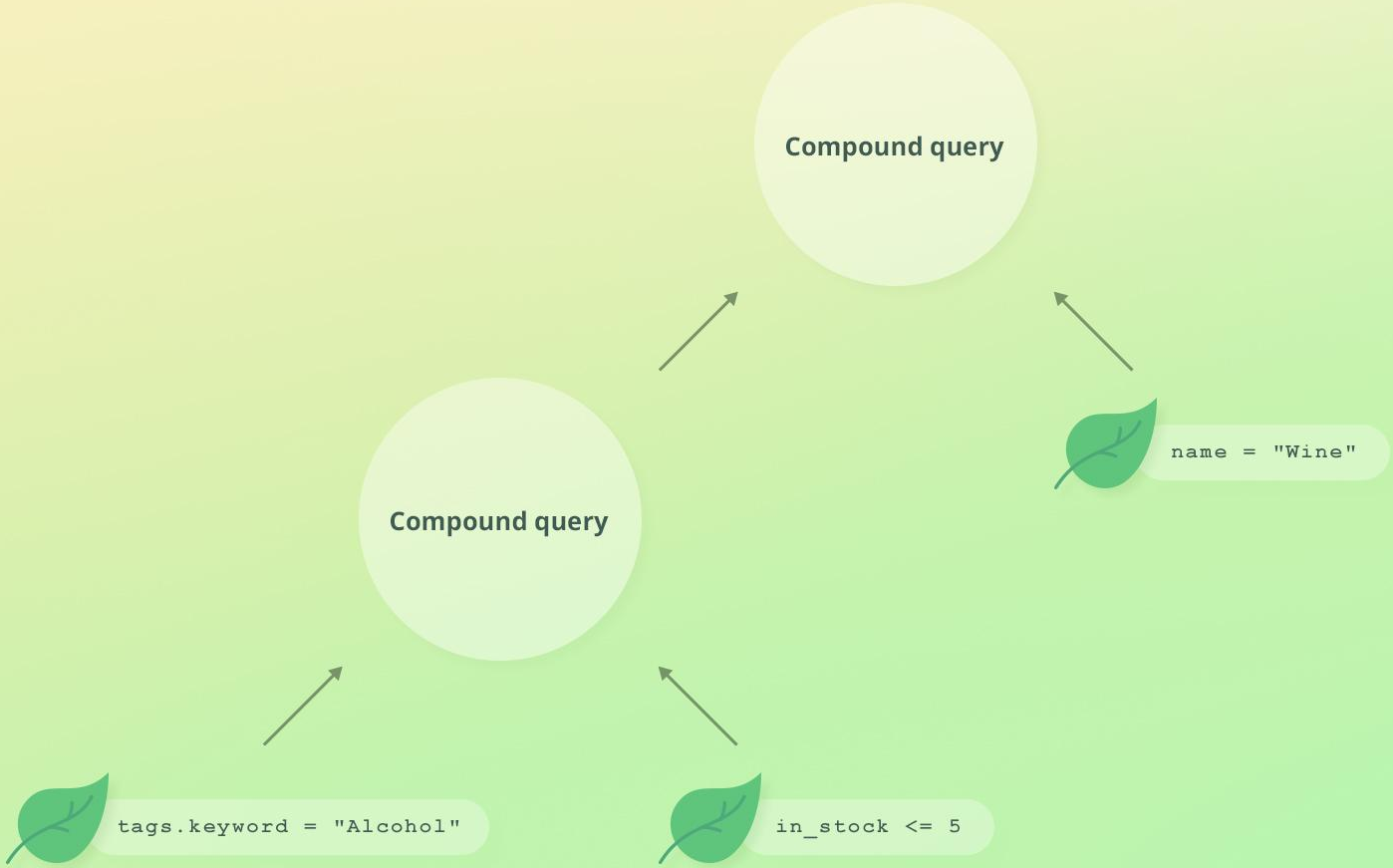
One query per request

```
GET /products/_search
{
  "query": {
    [only a single query here]
  }
}
```

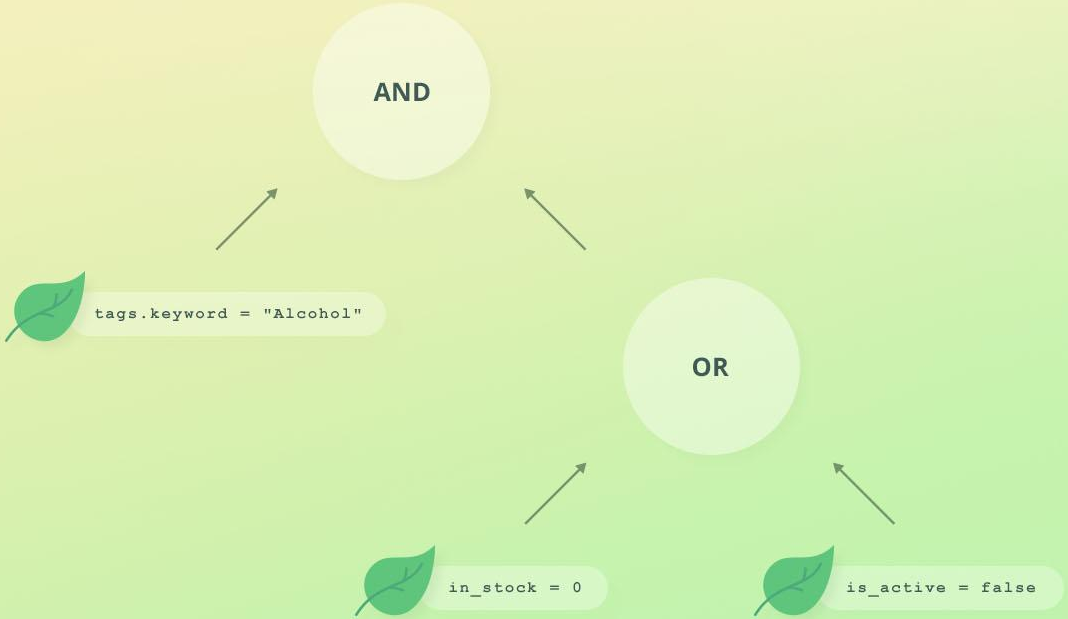
CodingExplained
CODE. SLEEP. REPEAT.



CodingExplained
CODE. SLEEP. REPEAT.



CodingExplained
CODE. SLEEP. REPEAT.



SQL: `WHERE tag = "Alcohol" AND (in_stock = 0 OR is_active IS FALSE)`

CodingExplained
CODE. SLEEP. REPEAT.