



Linked List (of countries)

- GB
- FR
- ES
- D
- P
- CH
- IRL
- I

GDP

Consumer Spending



```
Public HashTable<int, T> ByLevel(int level)
{
    private HashTable<int, double> ht = new HashTable<int, double>();

    if(level <= this.Height)
    {
        var i = 0;
        SkipListNode<T> current = _head;
        Node<T> start = current[level];
        foreach (Node<T> node in start.NodeList<T>())
        {
            ht.Add(i++, node.Value);
        }
    }
    else
    {
        //throw exception
    }

    return ht;
}
```

```
Public NodeList<T> ByLevel(int level)
{
    if(level <= this.Height)
    {
        SkipListNode<T> current = _head;
        Node<T> start = current[level-1];
        return start.NodeList<T>()
    }
    else
    {
        //throw exception
    }
}
```

Countries (id, name)

CountriesIndicator (country_id, ind_id)

Indicators(id, name)

IndicatorValues(ind_id, val_id)

Values(id, year, amount)

```
Select location, indicators.value,  
Case  
When values.year = '2015'  
Select Values.amount as '2015'  
When values.year = '2016'  
Select values.amount as '2016'  
End case  
From (  
Select * From [tables] Inner Join on  
Ids  
)  
Where indicators.id = 'CPI id'  
Group by  
1,2
```