

Using Dynamic data reduction across multiple data fields

Data reduction in QlikView lets you manage the access to data based on data values within your actual source data. In the example scripts above the data will be driven by the Country column in your database.

In some cases however, you may wish to reduce your data based on multiple columns. For example...Bill may be able to see product line "a1" but Bob is only allowed to access data concerned with the "UK". When implementing this security, you should have a script like the one below that uses multiple Section Application tables.

```
Section Access;  
LOAD * INLINE [  
    ACCESS, USERID, PASSWORD, PLREDUCE, COUNTRYREDUCE  
    ADMIN, ADMIN, ADMIN, ADMINGROUP, ADMINGROUP  
    USER, BILL, BILL, PRODUCT, PRODUCT  
    USER, BOB, BOB, COUNTRY, COUNTRY  
];
```

```
Section Application;
```

```
STAR IS *;
```

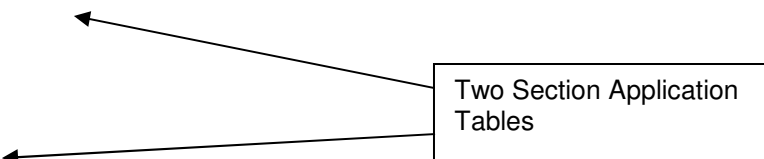
```
PLReduce:
```

```
LOAD * INLINE [  
    PLREDUCE, ProductLine  
    ADMINGROUP, *  
    PRODUCT, a1  
    COUNTRY, *  
];
```

```
CountryReduce:
```

```
LOAD * INLINE [  
    COUNTRYREDUCE, Country  
    ADMINGROUP, *  
    PRODUCT, *  
    COUNTRY, UK  
];
```

Two Section Application
Tables



In this example you can see there is a Section Application table for each column we need to reduce on, in this case "Product Line" and "Country". In summary:

The ADMIN User can see all data

BILL can only see Product Line 'a1'

BOB can only see Country 'UK'

