

```

#define nCompanies 30                //number of companies
typedef char string[50];

struct CompanyData {                //company data type
    int nEntries;                    //number of daily entries the company has
    string CompanyName;              //string of company name
    DType entry [nEntries];          //DType array of entries
                                     //which will store the dates, OHLC prices,
                                     //and volume of each daily data entry
};
typedef struct CompanyData CType;

int
main () {
    CType company [nCompanies]      //array of CType companies, of size 30
    return 0;
}

```


**CDDType company [nCompanies]**  
array of 30 companies



Number of Data Entries  
int nEntries  
Company Name  
string CompanyName  
Array of Data Entries  
DDType entry[nEntries]

**CDDType company**  
structure data type for companies




**DDType entries[nEntries]**  
array of daily data entries which contain:  
strDate date  
float open, high, low, close  
float volume