

One of the powerful features in ACL is to use the data definition wizard to import text report files. However if there are multiple detail types with different field definitions under one control record, it may be more effective to use a script to process the data:

Source Data

```
A 10062004 Creative Designs 2000.00 ABCStock
B Shenton Ave 10 SG 200567
E 90.00 1000 7000
Doc No : 1111-A
```

```
A 12062003 Queen IceCream 2500.00 DEFStock
E 50.00 3000 4000
Doc No : 2222-B
```

...
...

Required Result

<u>Doc No</u>	<u>Purchase Date</u>	<u>Vendor</u>	<u>Invoice Amount</u>	<u>Address</u>	<u>Unit</u>
1111-A	10/06/2004	Creative Designs	2000.00	Shenton Ave 10	90.00
2222-B	12/06/2003	Queen IceCream	2500.00		50.00

...
...

Some tips to make use of GROUP commands to process the data:

1. Import all the lines in the source files as individual records in one field (named Details).
2. Within the script, use GROUPs to perform the necessary checks and extraction:

...
...

GROUP

```
GROUP IF SUBSTRING(Details,1,1) = "A"
    ASSIGN PDate = CTOD(SUBSTRING(Details, 3, 8), "DDMMYYYY")
    ASSIGN Vendor = SUBSTRING(Details, 17, 20)
    ASSIGN Invoice = SUBSTRING(Details,37,7)
```

```
ELSE IF IF SUBSTRING(Details,1,1) = "B"
    ASSIGN Address = SUBSTRING(Details,3,20)
```

```
ELSE IF IF SUBSTRING(Details,1,1) = "E"
    ASSIGN Unit = SPLIT(Details," ",2)
```

```
ELSE IF SUBSTRING(Details,1, 8) = "Doc No :":
    ASSIGN DocNo = SUBSTRING(Details,10, 6)
    Extract DocNo PDate Vendor Invoice Address Unit TO "Report"
```

...
...

END

END

...
...

3. It will be a good practice to reset the variables used after every record extraction.