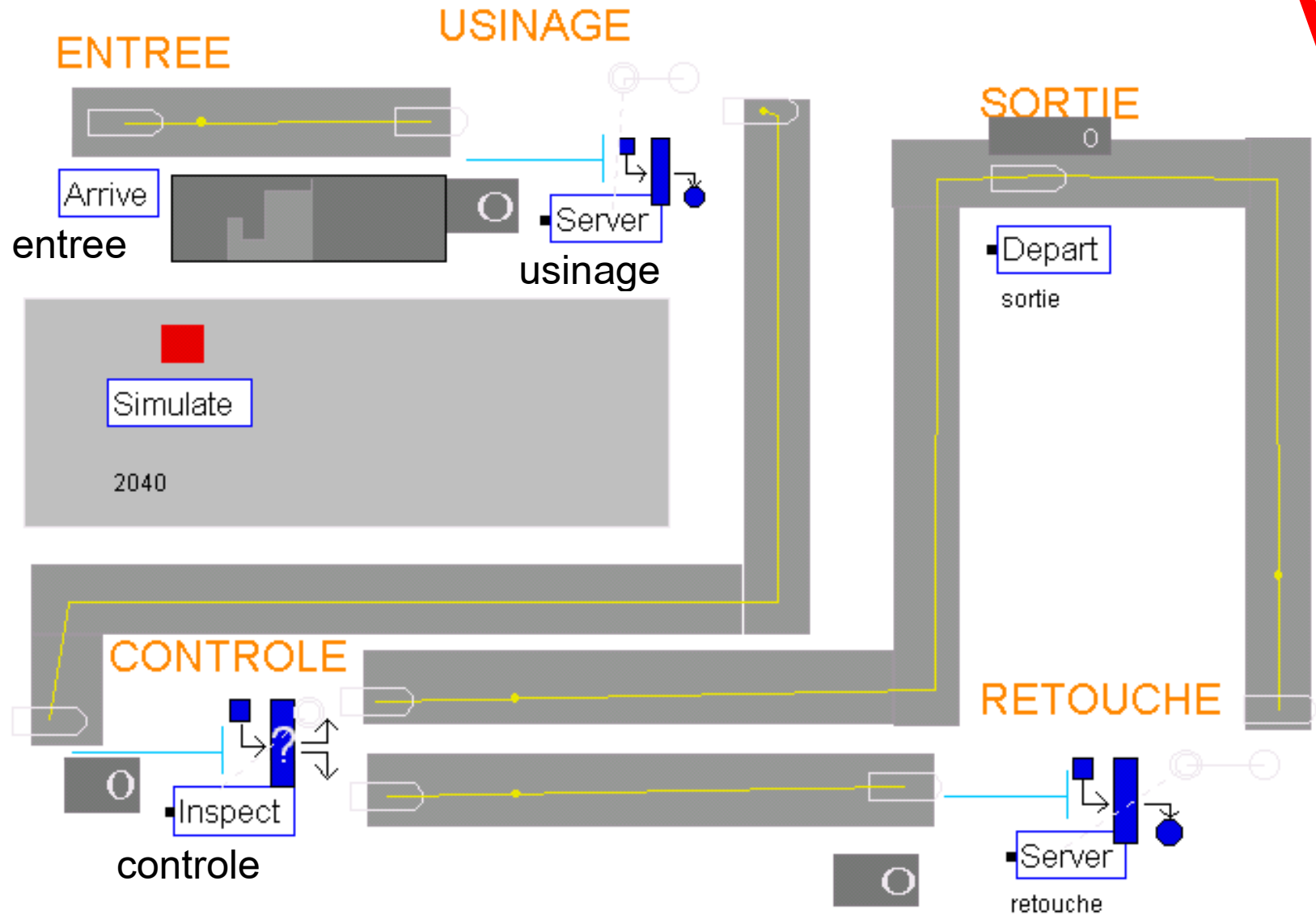


Atelierul de bază



**Piesele sosesc în loturi de câte 9 piese, la interval de 40 unități de timp.
Mărimea comenzii este de 468 piese 52 loturi**

Durata prelucrării în stația "usinage" , care este dotată cu 2 mașini identice este de 7 unitati de timp.

Piesele sunt supuse unui control, în stația "controle" , operație care durează 4 unități de timp.

O parte din piese (40 %) necesită operații suplimentare de remediere, care se efectuează în stația "retouche" de către un singur operator. Durata este de 14 unități de timp/piesă.

Timpii de transport între punctele de lucru sunt:

entree - usinage	usinage - controle	controle - sortie	controle - retouche	retouche - sortie
4	6	5	3	4

Arrive [?] [X]

Enter Data

Station Station Set

Station: [v]

Station... Options...

Arrival Data

Batch Size:

First Creation:

Time Between: [v]

Max Batches:

Mark Time Attribute: [v]

Assign... Animate...

Leave Data

Tran Out... Count...

Route StNm Seg Expr

Connect

Station: [v]

Route Time: [v]

OK Cancel Help

Server [?] [X]

Enter Data

Label: Station: [v] Tran In...

Server Data

Resource: [v]

Capacity Type: [v]

Capacity:

Resource Statistics

Process Time: [v]

Options... Resource... Queue...

Animate...

Leave Data

Tran Out... Count...

Route StNm Seg Expr

Connect

Station: [v]

Route Time: [v]

OK Cancel Help

Enter Data

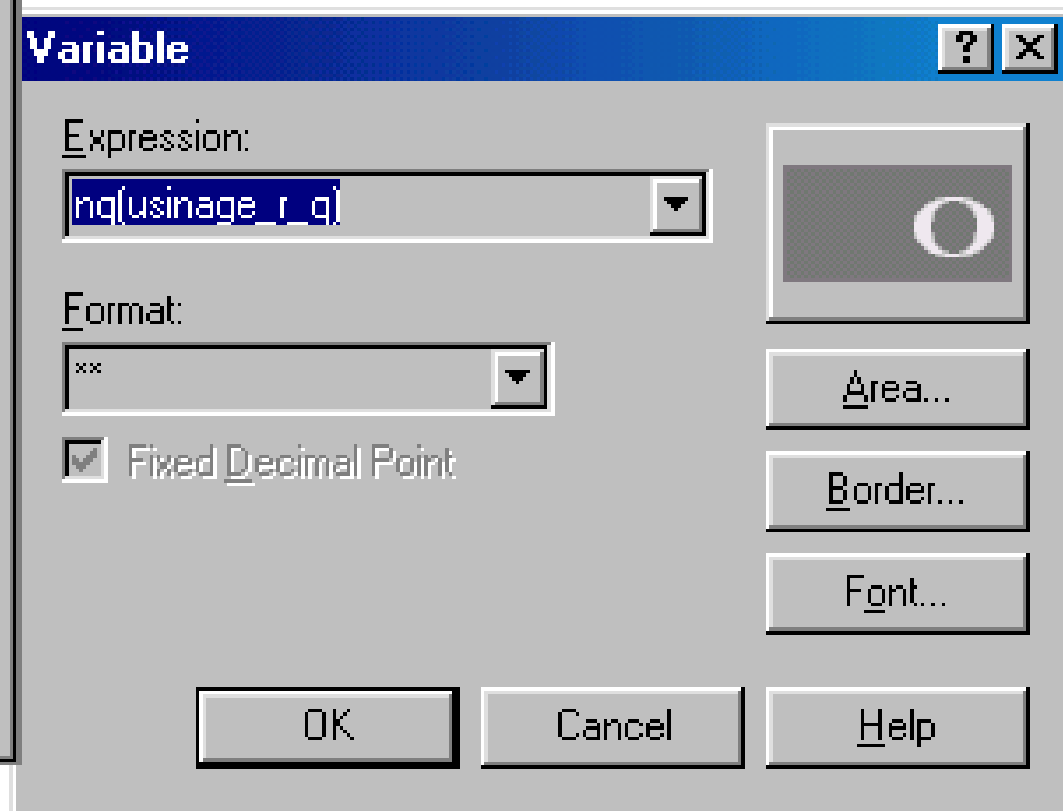
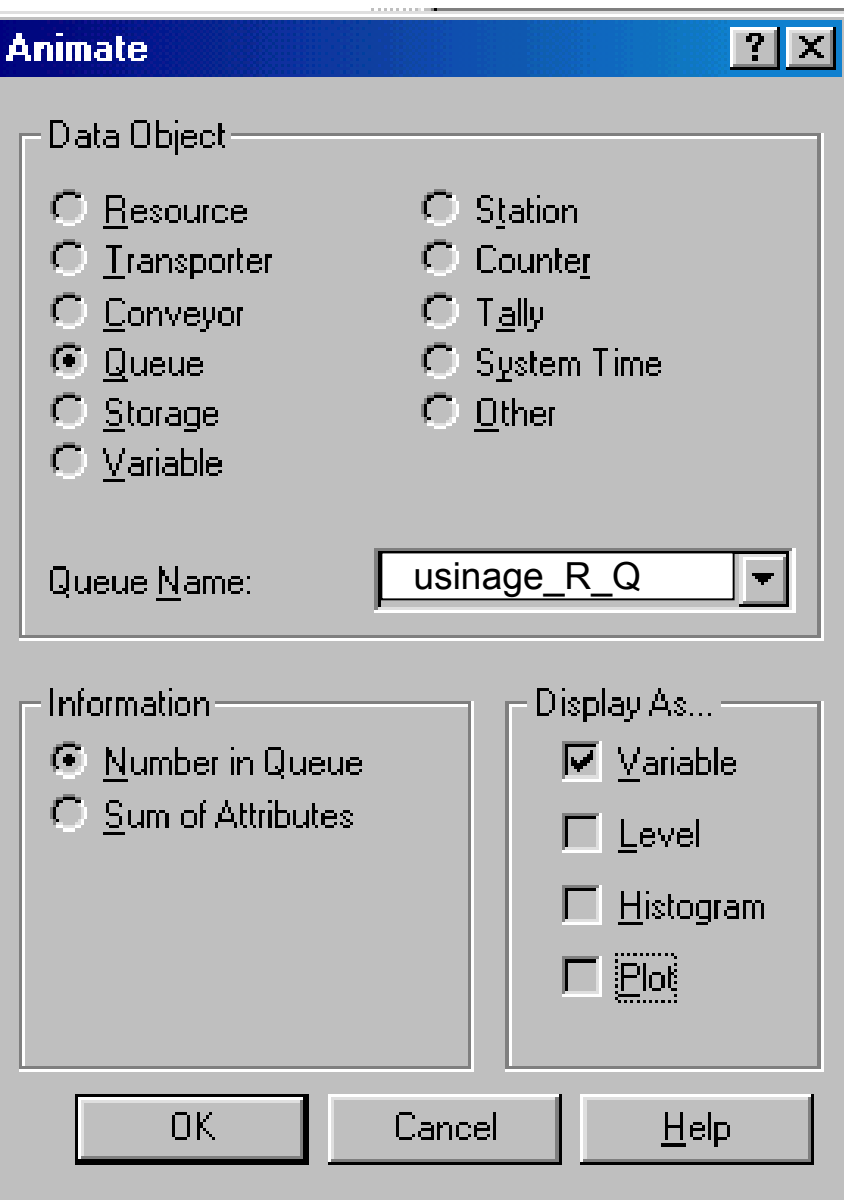
Label: Station:

Server Data

Resource: Capacity Type: Capacity: Resource StatisticsProcess Time:

Leave Data

 Route StNm Seg Expr
 ConnectStation: Route Time:



Enter Data

Label:

Station:

controle

Iran In...

Server Data

Resource:

controle_R

Capacity Type:

Capacity

Capacity:

1

 Resource Statistics

Process Time:

4

Failure Probability:

0.4

Options...

Resource...

Queue...

Animate...

Pass Inspection Leave Data

Iran Out...

Count...

- Route StNm Seg Expr
 Connect

Station:

sortie

Route Time:

5

Fail Inspection Leave Data

Iran Out...

Count...

- Route StNm Expr
 Connect

Station:

retouche

Route Time:

3

OK

Cancel

Help

Depart [?] [X]

Enter Data

Label:

Station Station Set

Count

Individual Counter
 Counter Set Member
 None

Counter:

Increment:

Tally

Individual Tally
 Tally Set Member
 None

Tally:

Type of Statistics

Interval Between Expr

Attribute:

V1

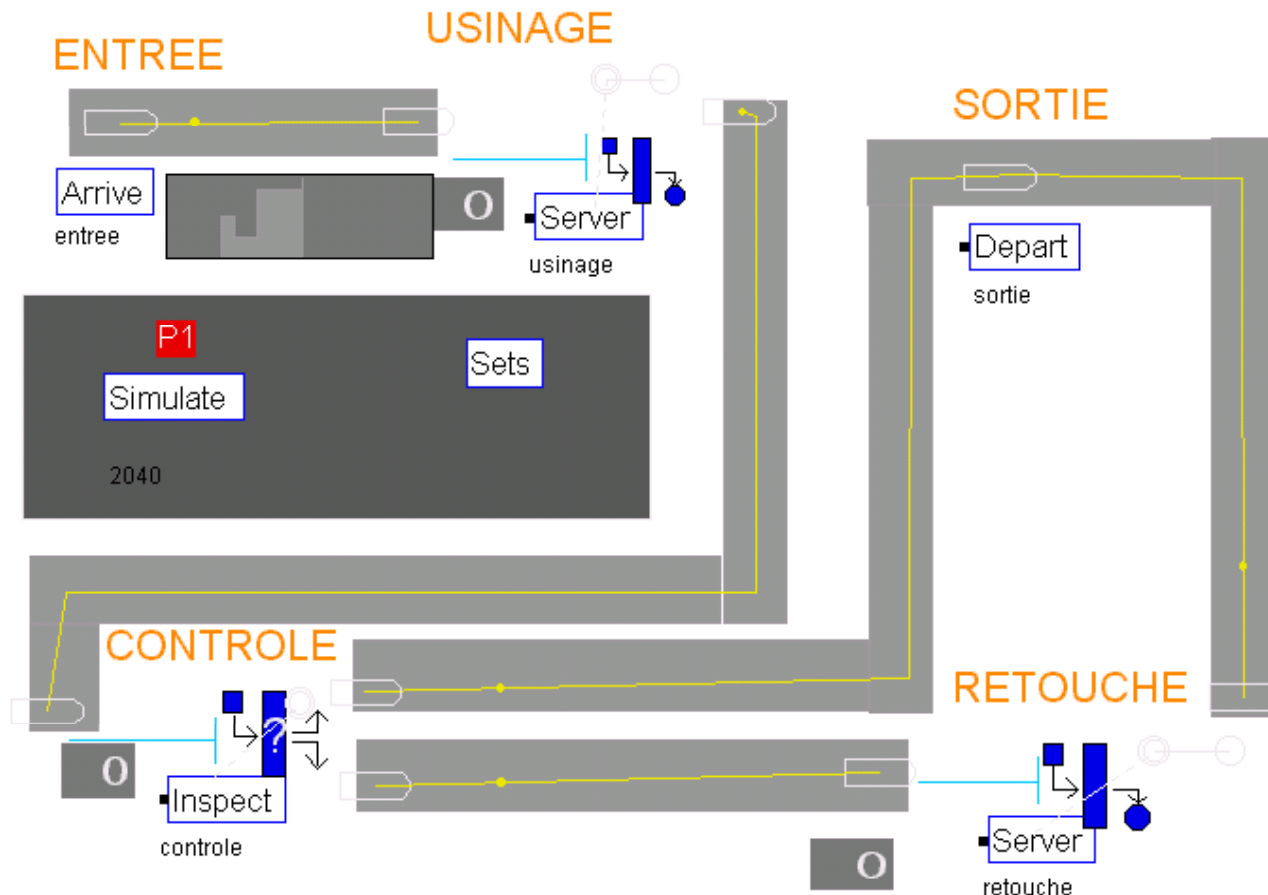
Se consideră suplimentar că
piesele sunt de trei tipuri:

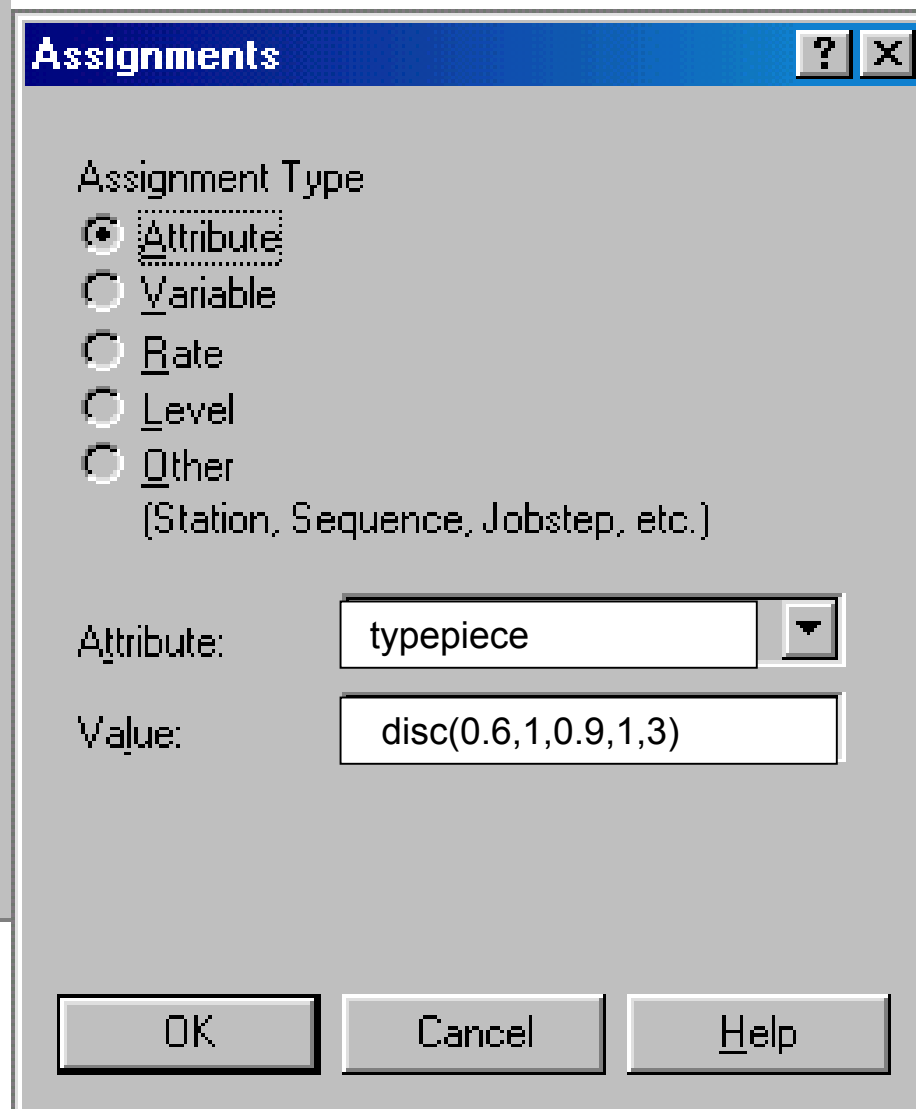
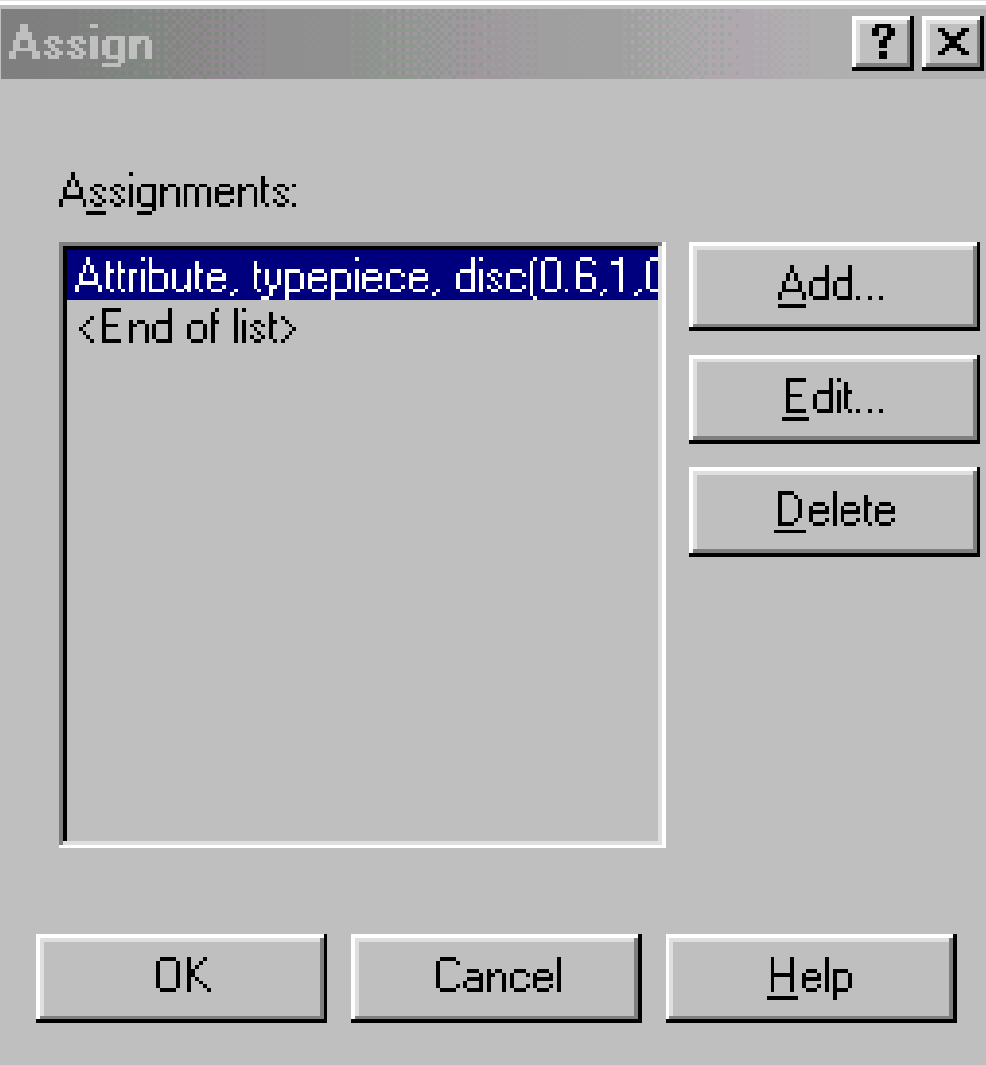
- 60% tipul 1
- 30% tipul 2
- 10% tipul 3

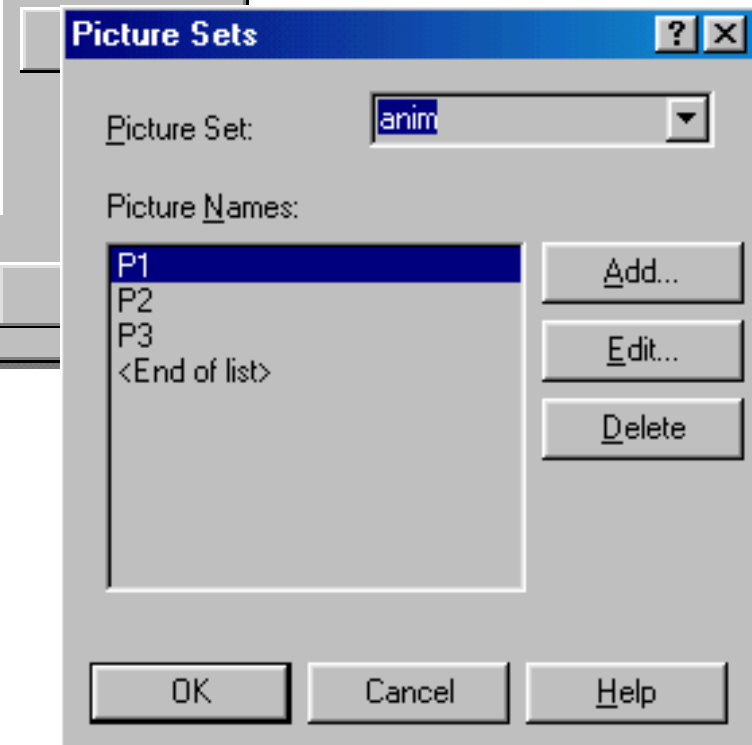
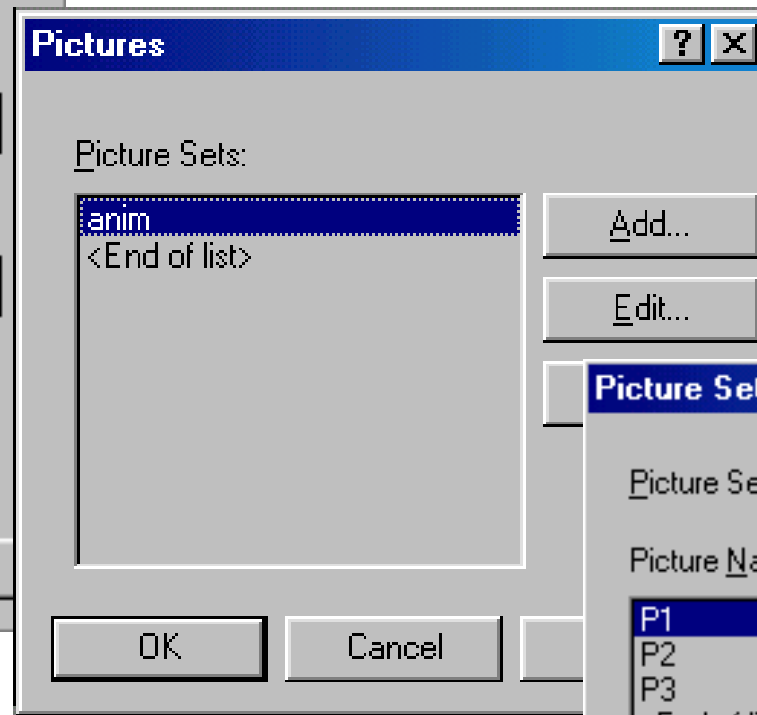
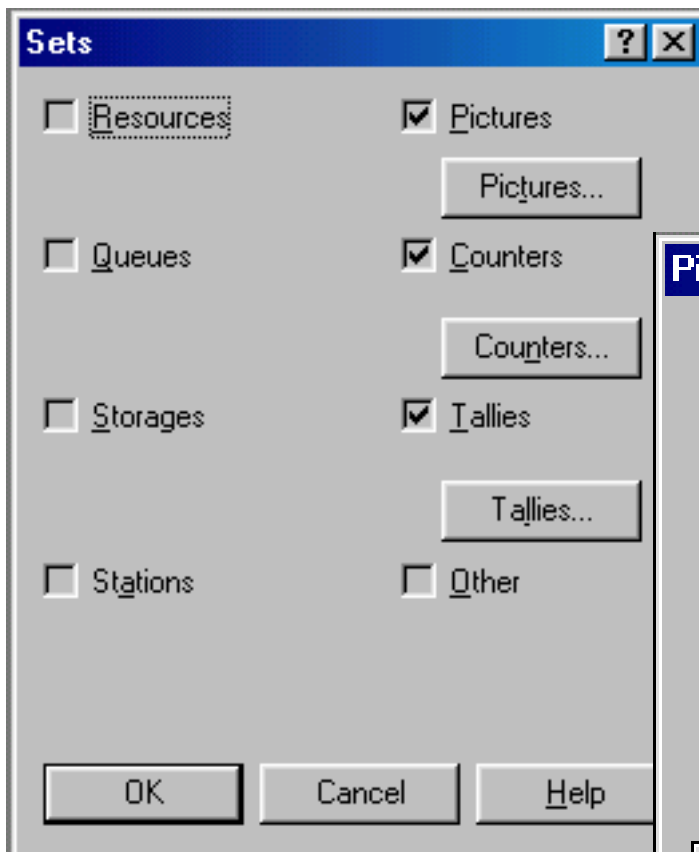
Se vor defini imagini diferite
pentru fiecare tip de piesă
precum și un contor
individual și o variabilă
proprie pentru durata ciclului
de producție.

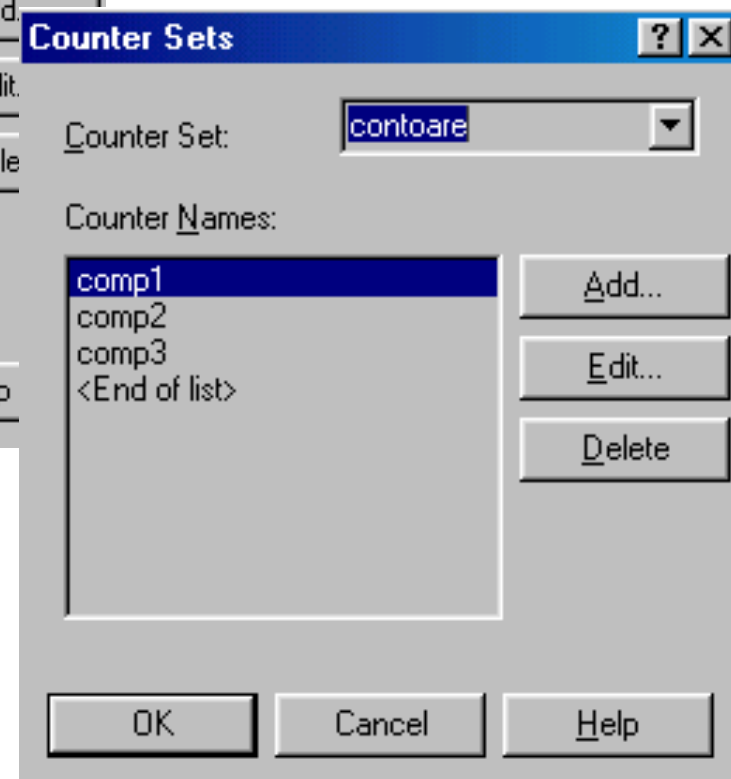
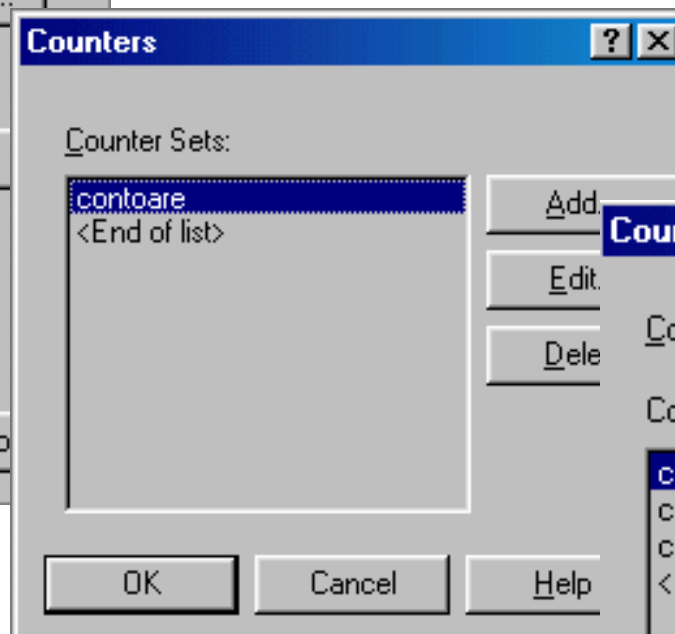
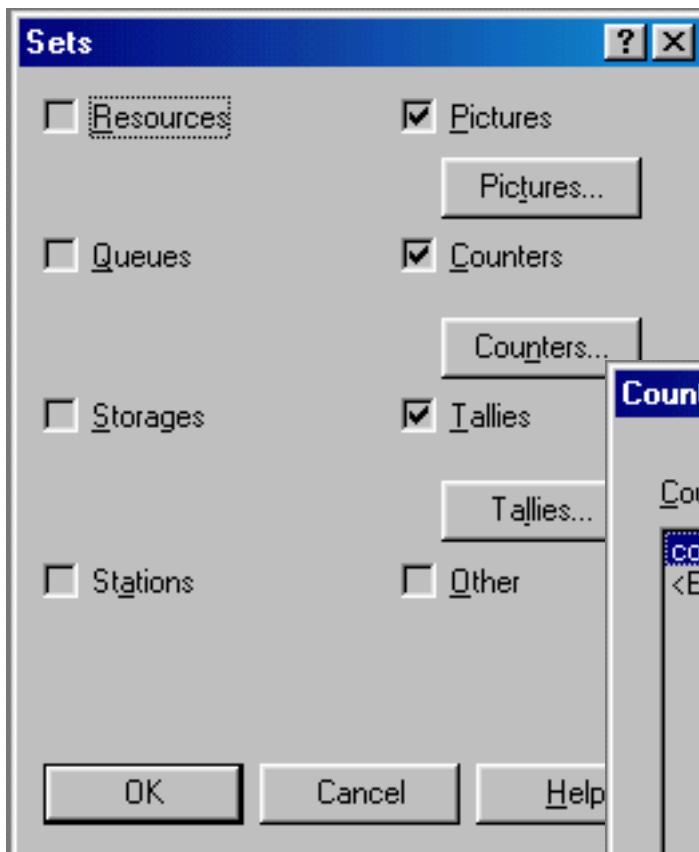
Pentru definirea tipului de
piesă se folosește o
distribuție de tip disc, cu
următoarea sintaxă:
disc(0.6,1,0.9,2,1,3)

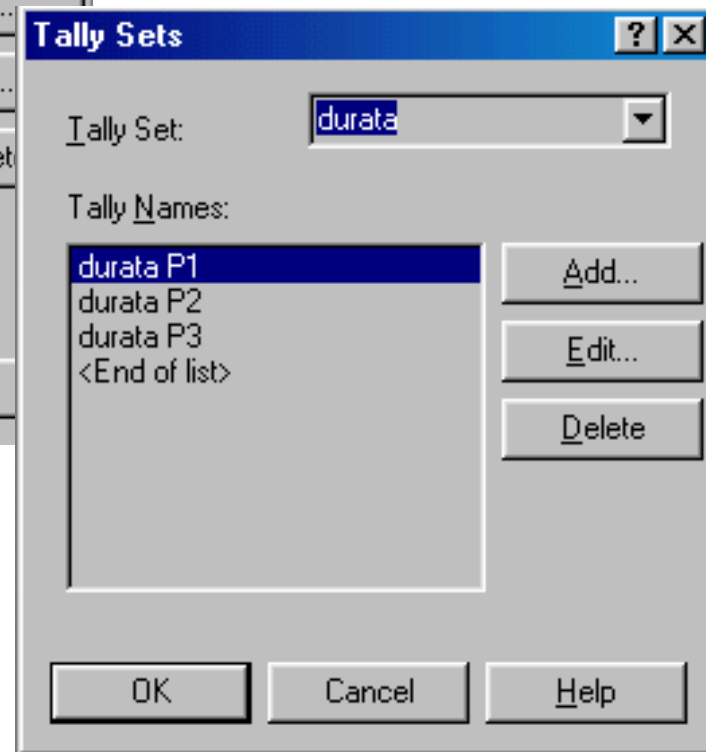
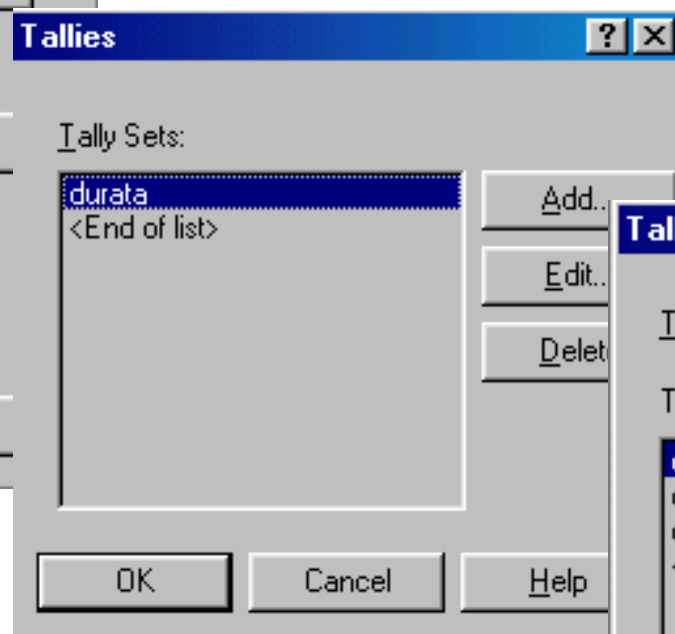
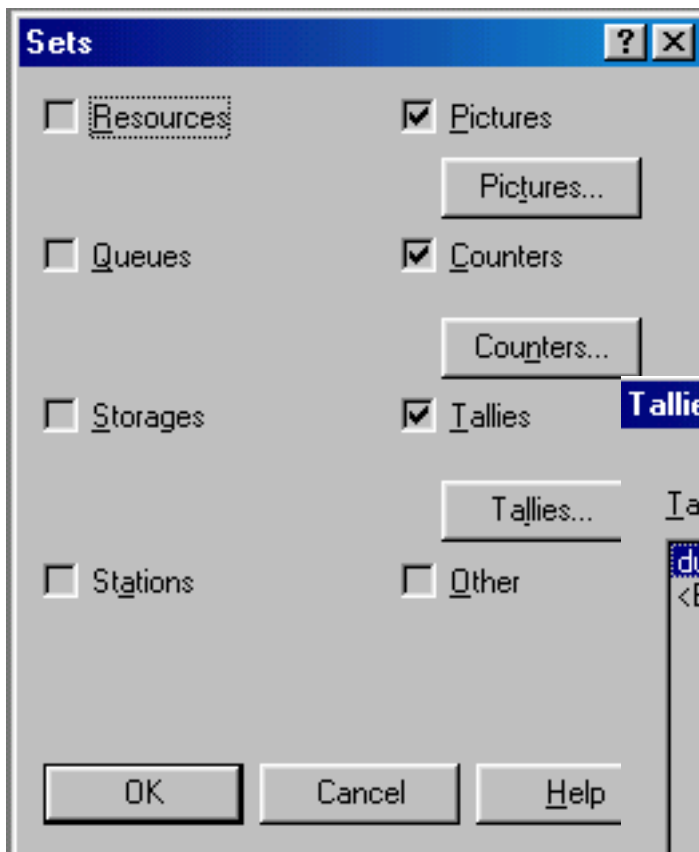
Pentru definirea imaginilor
diferite pentru entități și a
contoarelor individuale se
face apel la modulul **Sets**

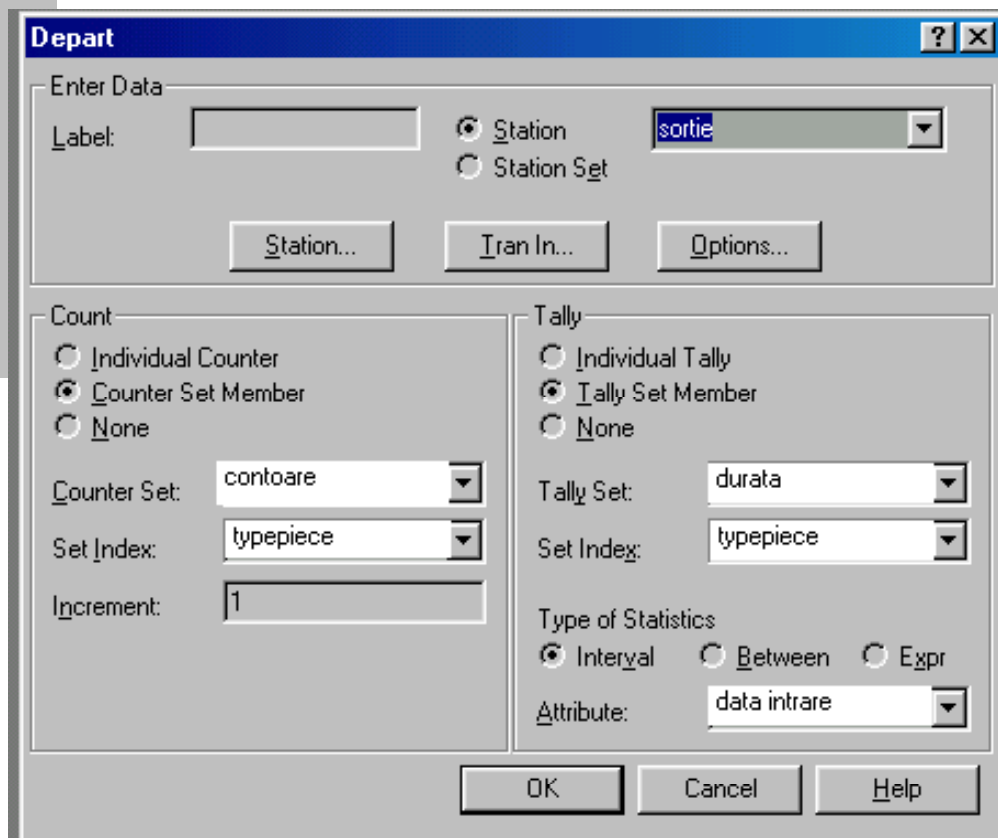
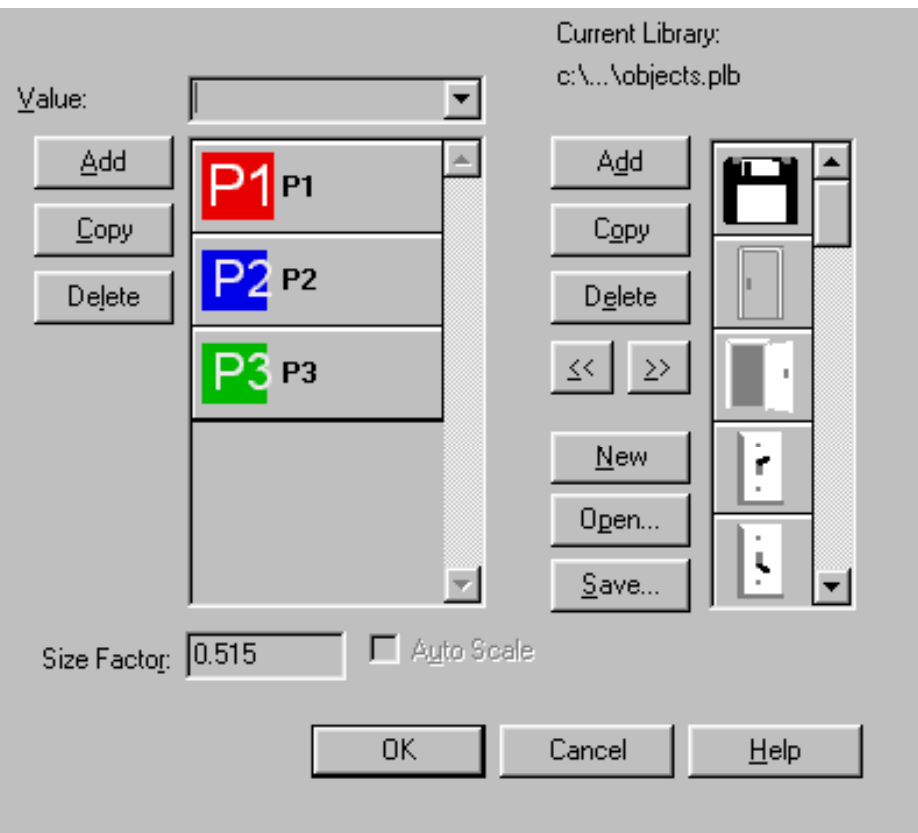




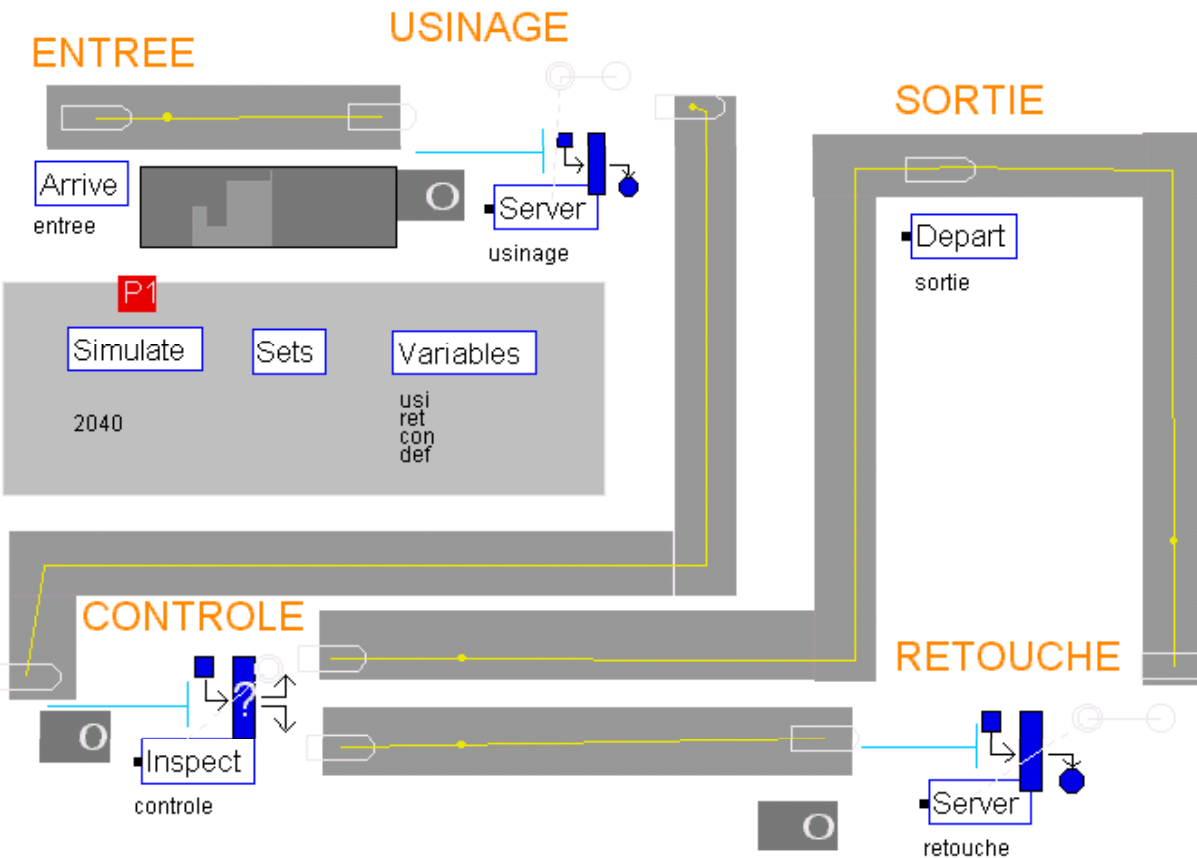








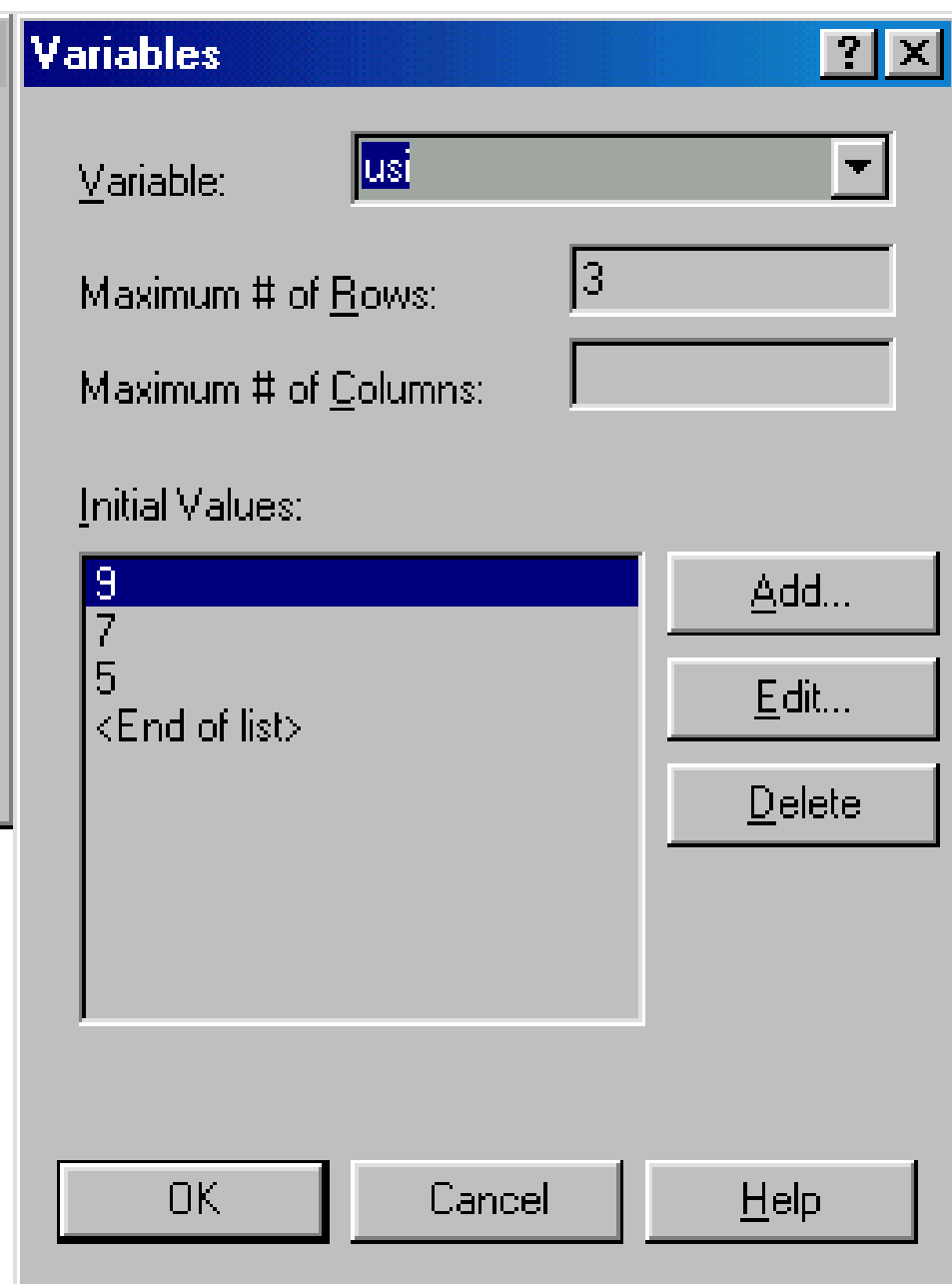
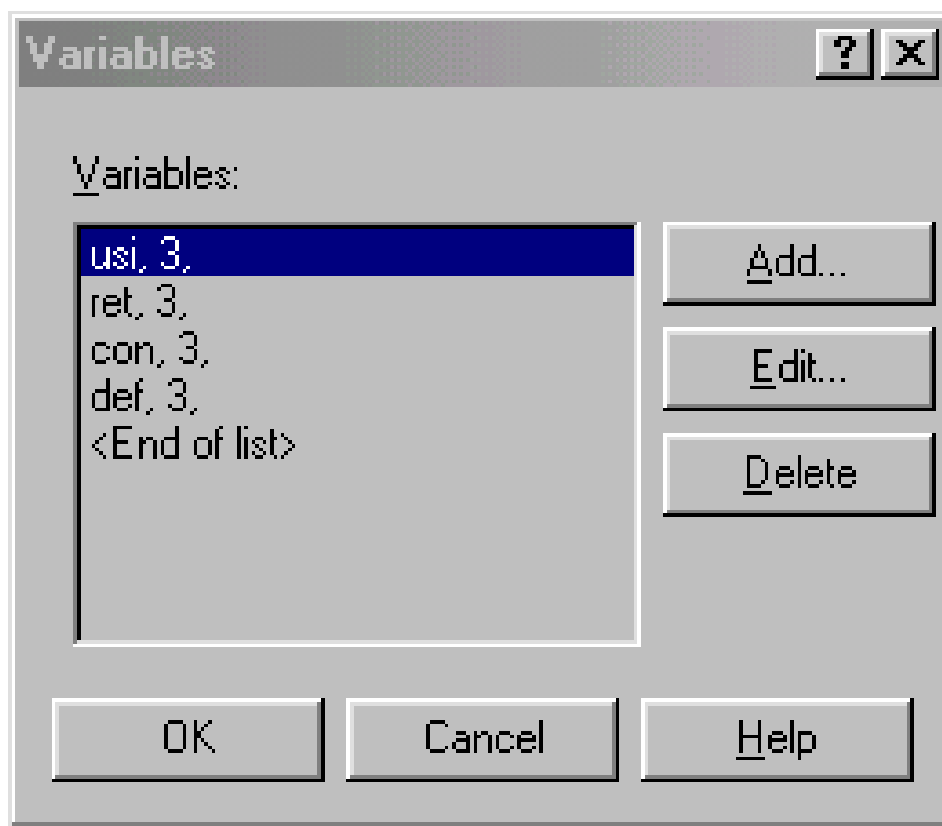
V2

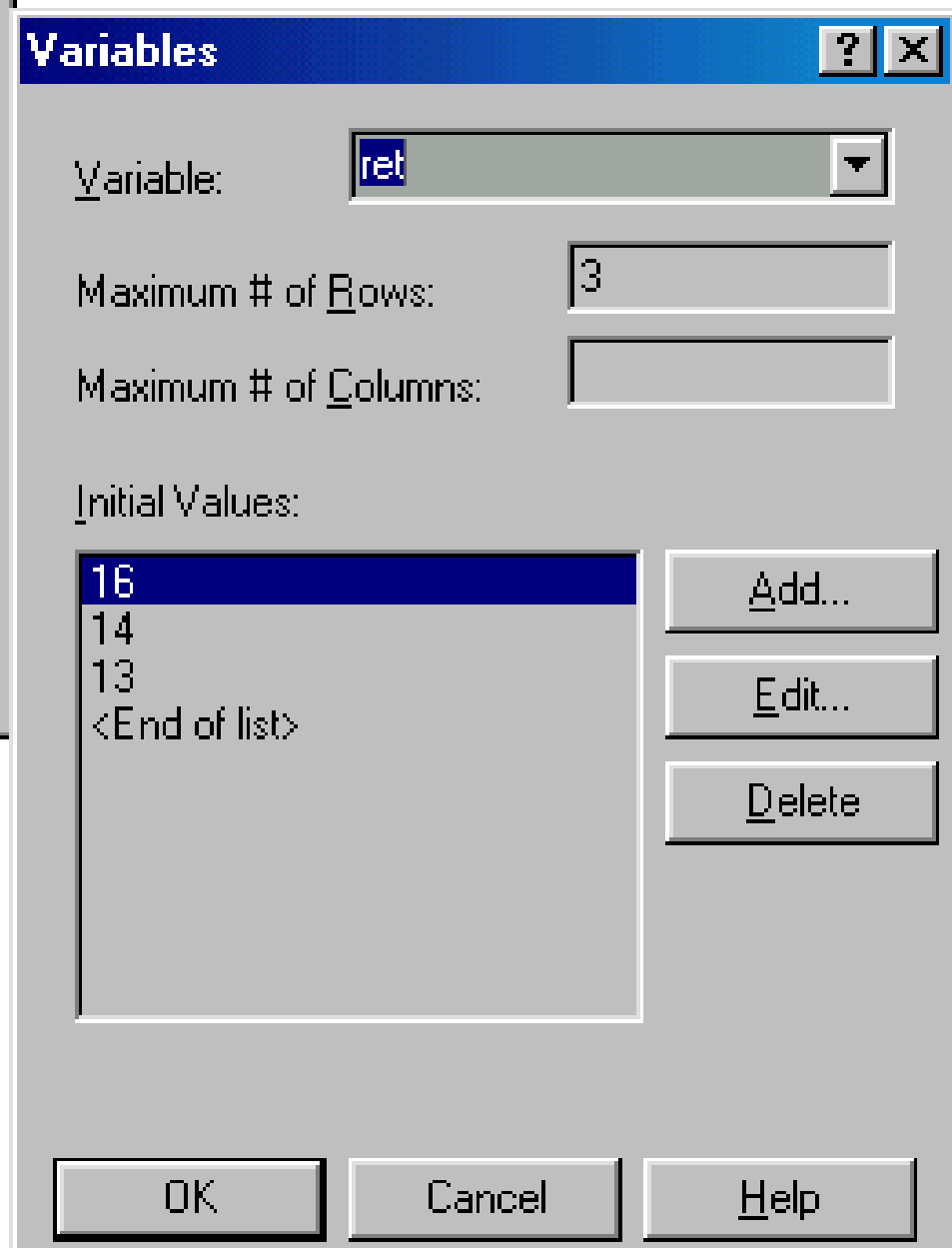
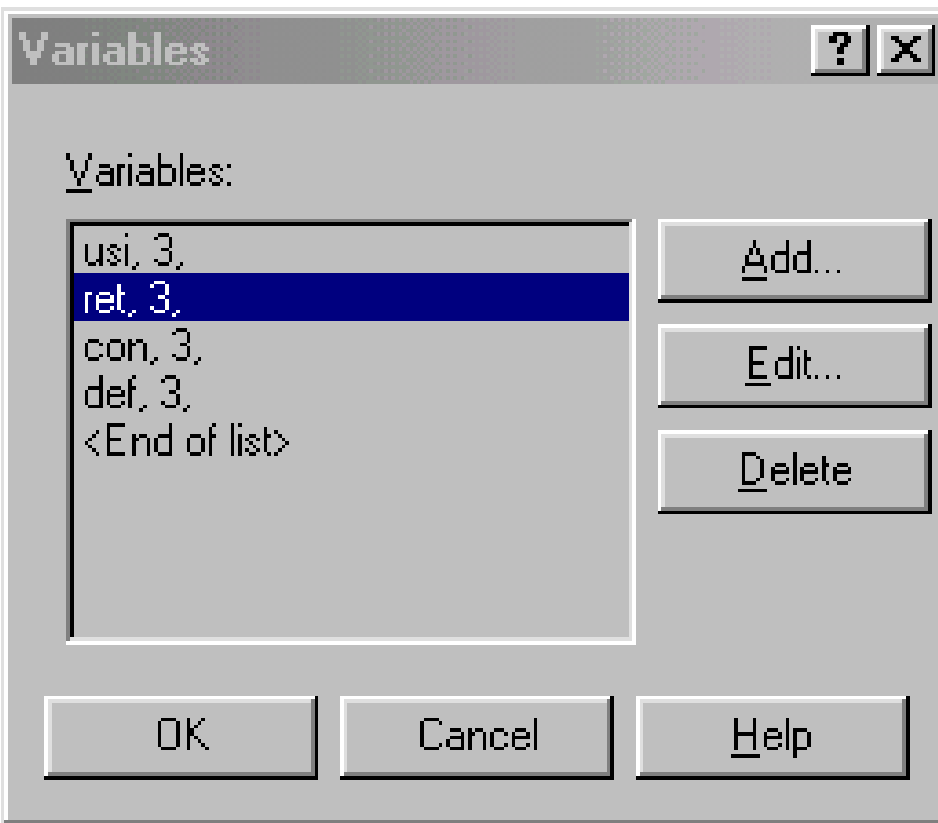


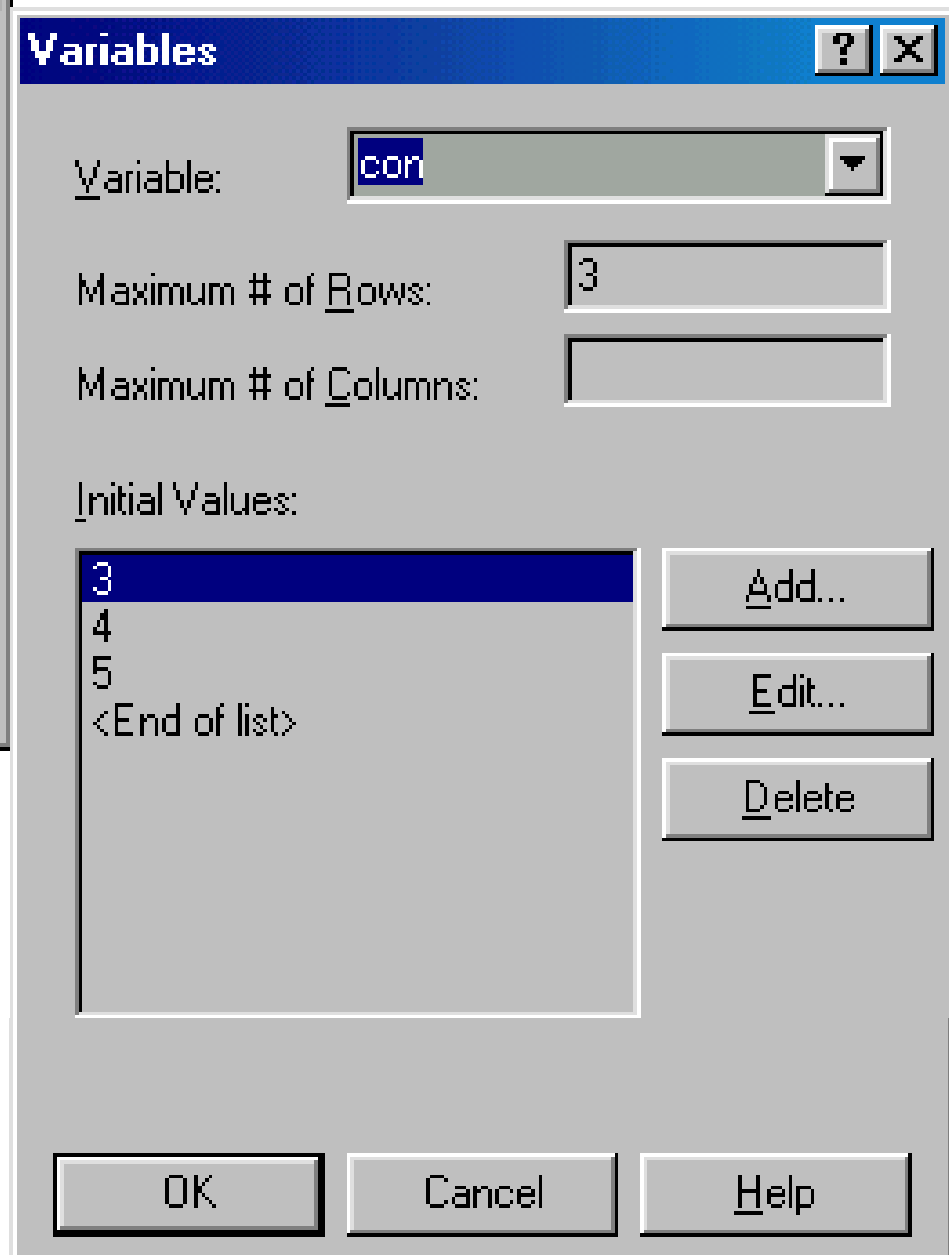
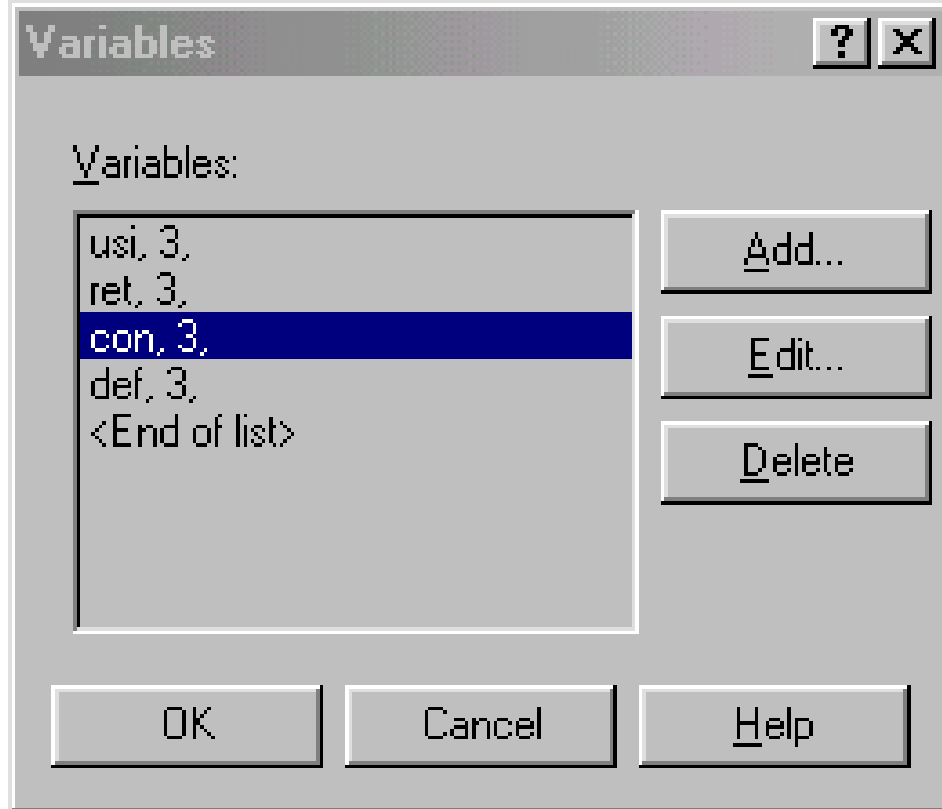
Tip de piesă	uzinaj	retuş	control	defecte
1	9	16	3	40%
2	7	14	4	40%
3	5	13	5	35%

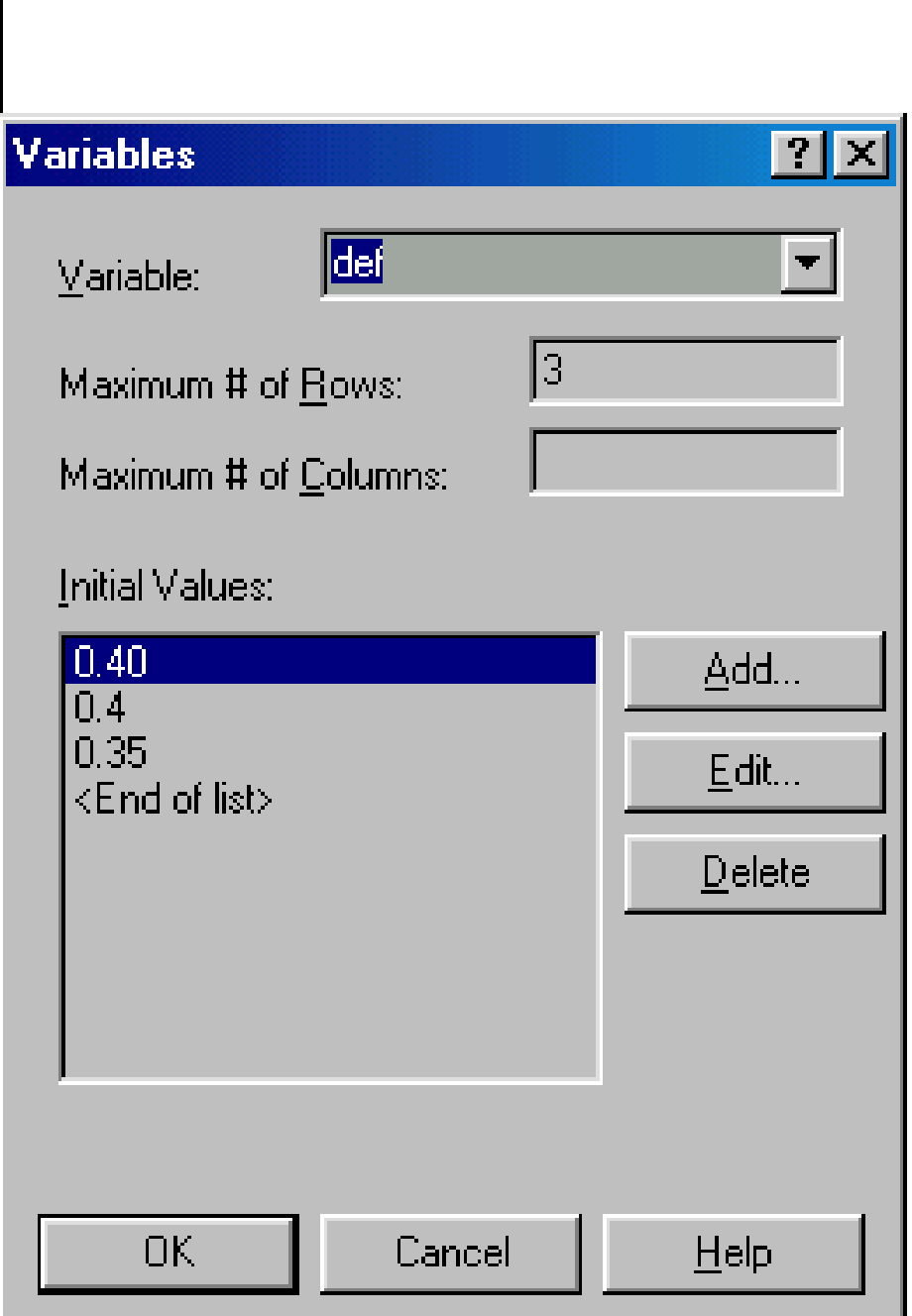
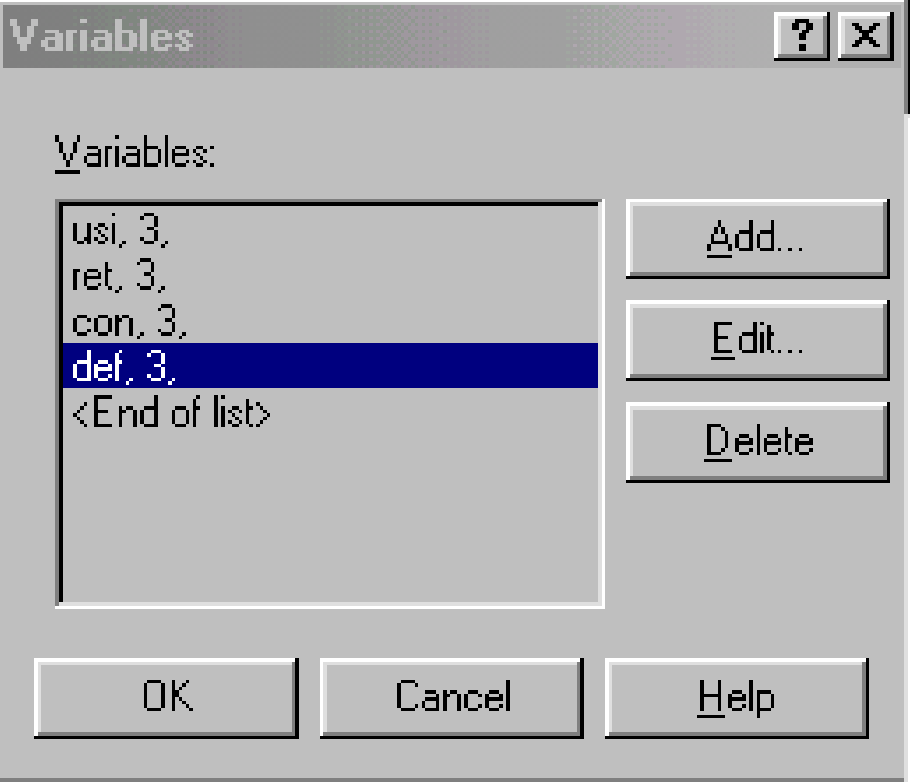
Pentru fiecare tip de piesă timpul de prelucrare, control și retuș sunt diferiți.

De asemenea rata de rebuturi este funcție de tipul de piesă. Pentru introducerea mărimilor diferite pentru timpii de prelucrare se face apel la modulul **Variables**, acestea definindu-se ca variabile șir, cu câte trei valori fiecare, cu indicele corespunzător tipului de piesa









Server



Enter Data

Label:

Station:

usage

Iran In...

Server Data

Resource:

usage_R

Capacity Type:

Capacity

Capacity:

2

Resource Statistics

Process Time:

usi(typepiece)

Options...

Resource...

Queue...

Animate...

Leave Data

Iran Out...

Count...

- Route StNm Seg Expr
 Connect

Station:

controle

Route Time:

6

OK

Cancel

Help