# Advanced Network Graphics part A

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Li	braı	ries	
Pa	ckage	e archdiagram isntall from github	
li	brary	y(UserNetR) y(arcdiagram) y(igraph)	
## ##	Atta	aching package: 'igraph'	
## ##	The	following objects are masked from 'package:stats':	
##		decompose, spectrum	
## ##	The	following object is masked from 'package:base':	
##		union	

#### Data

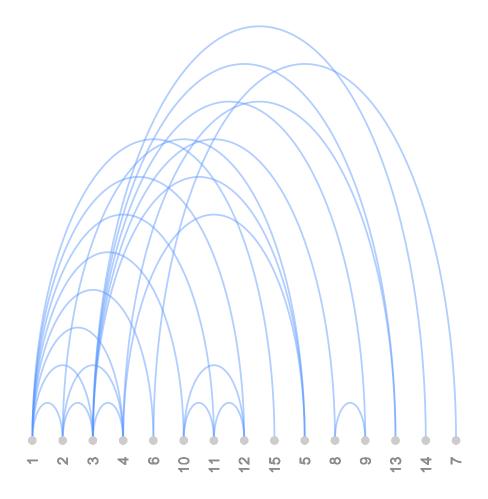
```
data(Simpsons) # from UserNetR
```

## ${\bf specialized\ network\ diagrams}$

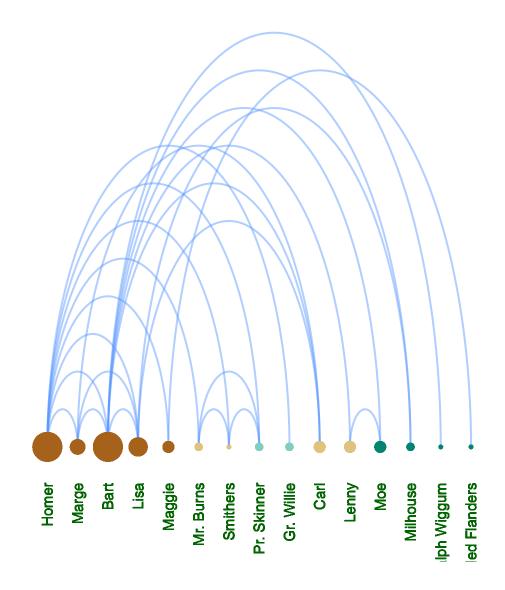
## arch diagrams

library(intergraph)

```
iSimp <- asIgraph(Simpsons)
simp_edge <- get.edgelist(iSimp)
arcplot(simp_edge)</pre>
```



```
pch.nodes = 21,
line = 1,
col.nodes = cols,
bg.nodes = cols,
show.nodes = TRUE)
```



## cord diagrams

Continued in port B to clear out library conflicts.