# The makeshape package Shape Test Bed 

File sampleshape
Shape sample
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## Basic Shape



## Minimum Dimensions

minimum width $=80 \mathrm{pt}$
minimum height $=30 \mathrm{pt}$


## Inner Separation

```
inner x seperation = 20pt
inner y seperation = 10pt
```



## Outer Separation

```
outer x separation = 20pt
outer y separation = 10pt
```



## Anchorborder

External Points with Outer Separation and Minimum Dimensions

```
outer sep = 10pt
minimum height = 1cm
minimum width = 2cm
```



## Internal Points with Minimum Dimensions

```
minimum height = 3cm
minimum width = 3cm
```



Angles with Outer Separation and Minimum Dimensions
Marked angle $=120$
outer xsep = 20pt
outer ysep $=10 \mathrm{pt}$
minimum height $=1 \mathrm{~cm}$
minimum width $=2 \mathrm{~cm}$


## Simple Node Connections



## Scaling



## Package Tests

Text Alignment and the Text Box

|  | $\bigcirc$ | x | x | x |
| :---: | :---: | :---: | :---: | :---: |
| $x$ |  |  |  |  |
|  | $\bigcirc$ | dx | x | dx |
|  |  |  |  |  |
| xp | , | x | xp | x |
|  |  |  |  |  |
| xp | $\bigcirc$ | dx | xp | dx |

## Inner, Outer and Angle for Shape Off Origin

The box should closely contain picture if anchorborder is working correctly.


