

Map File Specification

Map files specify how the inputs and outputs of each epiNet controller map onto each system.

To specify a new system to map the *System* keyword is used on a new line. Next the index of the system (specified by its order, starting at index 1, in the design file) is declared. Such as:

```
System  
1
```

Each input for a system is mapped by first stating the *Input* keyword. Next the system's input number is specified, followed by the *from* keyword and then the epiNet controller index (sequence determined by order passed into simulation constructor (starting at index 1)). Note that epiNets IOs are taken in order from its first to its last. Example code:

```
Input  
1  
from  
1
```

Outputs are mapped in the same way except the *Output* keyword is used instead. For example:

```
Output  
2  
from  
1
```

Finally the *end* keyword is needed when mapping for a specific system is complete. Using:

```
end
```

Example for Part of the Four, Four-way Junction Map.

System

1

Input

1

from

1

Input

2

from

1

Output

1

from

1

Output

2

from

1

Output

3

from

1

Output

4

from

1

end

System

2

Input

1

from

2

Output

1

from

2

end