# Network File User Attributes

## Network Attributes

Network attributes can be added to the network description. In Hugin, right click outside of a node -> Network Properties -> Description. The attributes are coded into the description as a comma separated list of param-value pairs.

This is the syntax.

param1=value1,param2=value2,param3=value3…

The following param-value pairs are possible

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Description** | **Example** |
| defaultgroup | The default group to show on load. | defaultgroup=0 |
| name | The name of this network/graph. This name is used as a key by pre-existing models. | name=nnphscc |

## Node Attributes

We add the following user attributes to each node in a Network file to facilitate display in the interface. These attributes are optional and the interface should handle any missing values.

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Description** | **Format** | **Example** |
| groups | Set of groups that the node belongs to | [string], [string],… | overview, mic, flawdepth |
| headerofgroup | The group that this node is the header of | [int] | 5 |
| units | The units for this node. | [string] | m/s |
| isexpanded\* | Whether the node is expanded in the interface. | [True/False] | True |
| Grouppositions\* | Positions of this node in various groups | [string, double, double], [string, double, double]… |  |

\* These are created by the MARV interface and do not need to be changed manually.

## Change Log

### 2013 04 04

1. The groups are now strings, instead of numbers