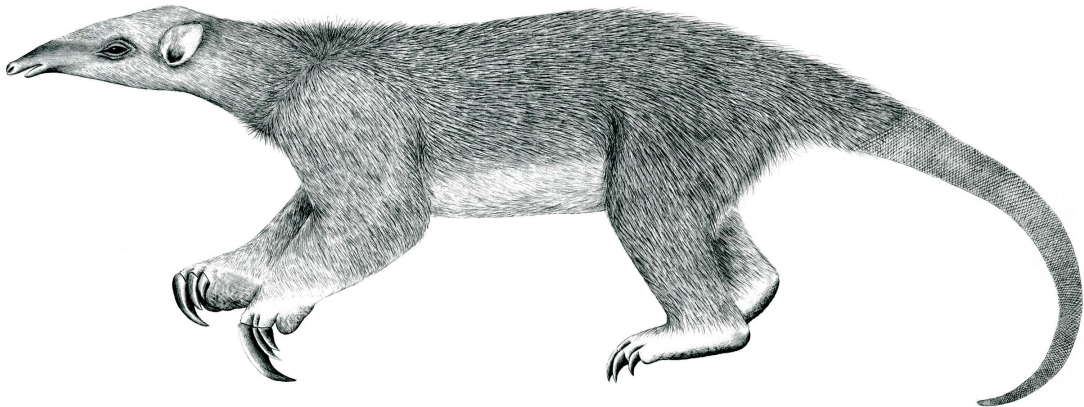# Tranalyzer2

portClassifier

Classification Based on Port Number

Tranalyzer Development Team

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1   portClassifier

1.1   Description

The portClassifier plugin classifies the flow according to the destination port meaning. It accepts a default port list `portmap.txt`, automatically installed with the plugin.

1.2   Dependencies

1.2.1   Required Files

The file `portmap.txt` is required.

1.3   Configuration Flags

The following flags can be used to control the output of the plugin:

Name	Default	Description
PBC_NUM	1	Print string representation of port classification
PBC_STR	1	Print numeric representation of port classification
PBC_CLASSFILE	"portmap.txt"	input file for the mapping between ports and applications
PBC_UNKNOWN	"unknown"	Label for unknown ports

1.3.1   Environment Variable Configuration Flags

The following configuration flags can also be configured with environment variables (`ENVCNTRL>0`):

- `PBC_CLASSFILE`

- `PBC_UNKNOWN`

1.4   Flow File Output

The portClassifier plugin outputs the following columns:

Column	Type	Description	Flags
dstPortClassN	U16	Port based classification of the destination port number	PBC_NUM=0
dstPortClass	SC	Port based classification of the destination port name	PBC_STR=1

1.5   Packet File Output

In packet mode (`-s` option), the portClassifier plugin outputs the following columns:

Column	Type	Description	Flags
dstPortClassN	U16	Port based classification of the destination port number	PBC_NUM=0
dstPortClass	SC	Port based classification of the destination port name	PBC_STR=1