Description of the plugins

Plugin: `check_TCP_eway`

Purpose:
Check if TCP eWay is connected, by using the „`netstat –n`“ command.

Options:

```
check_TCP_eway [ Options ] <Name of  eWay>

Options:
  --help    Show this page and exit.
  --version Show version number and exit.
  --config  Get configuration of the eWays and exit.  (Start as user eg_admin !)
```

Limitations and customizing

This plugin is meerly a template, changes may be nessesary, becourse it gets the information of port nummber and hostname out the environment.

confgiguration:

The plugin (unix shell script) `check_TCP_eway` expects a configration file of the eWays at a special location. While option

```
check_TCP_eway --config
```

will get this in our environment SRE 5.0.5 but it uses a utlility from our Support Partner, so this is work for you!

But he task is quite simple:
The only thing needed is a table of the eways with host name and port number from the eWay configuration. You may manually create and actualise one, or take it directly out of the configuration files.

If you take it directly out of the configarion files, this should be done as egate user…

token for the „is online“ state shown in netstat:

Dependend on the Language, `netstat` signals the state of the connection with a special token.

Lets say we have te host `192.9.200.9` connected at port `99000` to a different host. If the Operation System language is English, the connection is shown in `netstat` as

```
tcp      0      0 192.19.1.91:9009        192.9.200.9:99000       ESTABLISHED
```

so the token (the importand word) ist the term

```
TOKEN_PORTS_CONNECTED=ESTABLISHED
```

This may be different in your environment. Feel free to follow the comments and fit this plugin to your environment!

get_host_by_name:

Sine it is more stabil to compare by using IP adress and port then to compare by hostname and port (especially long hostnames may be abreviated in the output of netstat), the plugin has to get the IP Adress from a hostname. For this it simply uses the `ping` command, so a ping has to be allowed from the firewall rules on your egate!

Plugin: `check_egate_architecture`

Purpose:
Check if nessesary processes are runing; check if the controlbrokers of the schemas are running.

Options:

```
check_egate_architecture [ options ]

options:
  --help
  --version
```

There is no option needed to run this plugin, the configuration you will find inside of its coding lines.

Limitations and customizing:

The plugin was tested against SRE 5.0.5, it needs the utlity `stccmd` to check the controlbrookers. This utlity needs passwort and username of the egate user and is provided together with the installation.

The nessesary processes are defined here:

```
# Check out list of nessesary processes
# not currently checked out: stcinstd.exe \
# (instance deamon is only nessary for implemting a new eWay or changing
#  an old one)
EG_PROCS=" \
stcregd.exe \
stccb.exe \
"
```

The process `stcinstd.exe` is the Instance deamon, neeeded if you like to implement new eWays or change old ones…

The controlbrookers and schemas are defined a little bit above:

```
# List of schemas and corresponig controlbroker seperated by ":"
# You are not a fool, dont belief that SCHEMA_0815 is a real schema name and
# 0815_cb is a real controlbroker name
SCHEMA_AND_CB=" \
SCHEMA_0815:0815_cb \
"
```

Remind that the „\“ connects these three lines into one single line:

```
SCHEMA_AND_CB=" \
SCHEMA_0815:0815_cb \
"
```

which ist the same as:

```
SCHEMA_AND_CB=" SCHEMA_0815:0815_cb "
```

The script: `utils.sh`

From your installation of nagios, this script should allready be installed in your environment. It is used for state definition an the function `print_revision` (option `--version`) . To be complete you will find it in this archive.