

Skunkworks software

model2qt.exe usage

Options and switches

```
Usage: C:\Tools\GoldingsGymStatic\model2qt.exe [options] preserve-case clobber
namespace qtclass qtfsn qtsmf etg
model2qt Converts an scxml or class diagram UML file created with Qt Creator into
classes, with pre-defined interfaces
```

Options:

-?, -h, --help	Displays help on commandline options.
--help-all	Displays help, including generic Qt options.
-v, --version	Displays version information.
-i, --input <file>	Input file

Arguments:

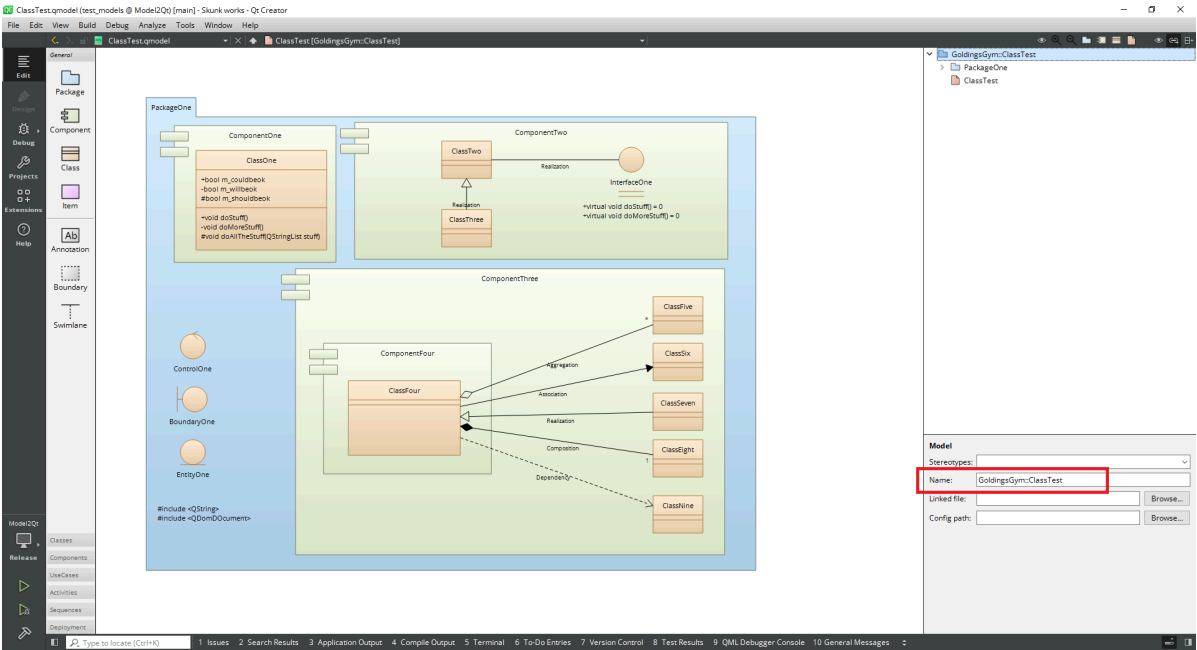
preserve-case	Preserve case for file names - may be ignored for some input types
clobber	Overwrite existing files - may be ignored for some input types
namespace	Use package and component names (if available) as namespaces - may be ignored for some input types
qtclass	Qt Creator class model diagram to QObjects
qtfsn	Finite State Machine with QObjects
qtsmf	Finite State Machine with QStates
etg	Create classes for Events, Transitions Guards pattern. Only with "qtsmf" output flag

Models - namespaces

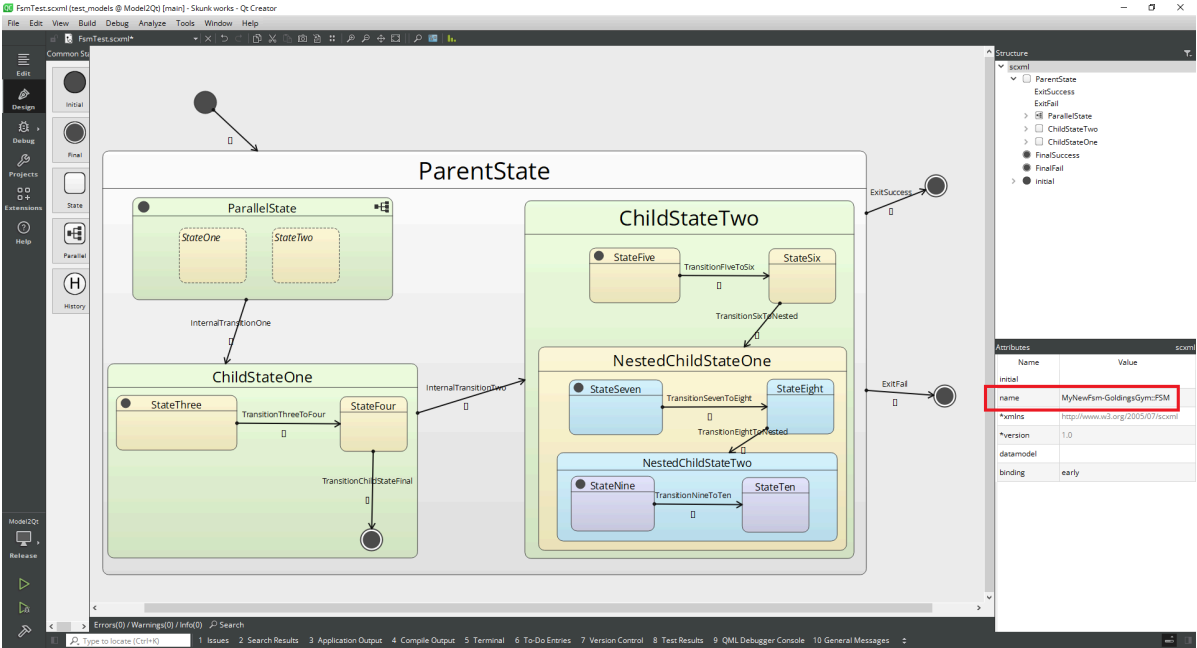
For class model diagrams, modify the top level 'Name' tag to the namespace, e.g. GoldingsGym::MyLibrary.

For state charts (inc. ETG state charts) modify the attributes 'name' tag to add the namespace onto the state machine name with a hyphen delimiter, e.g. MyFsm-GoldingsGym::MyFsm

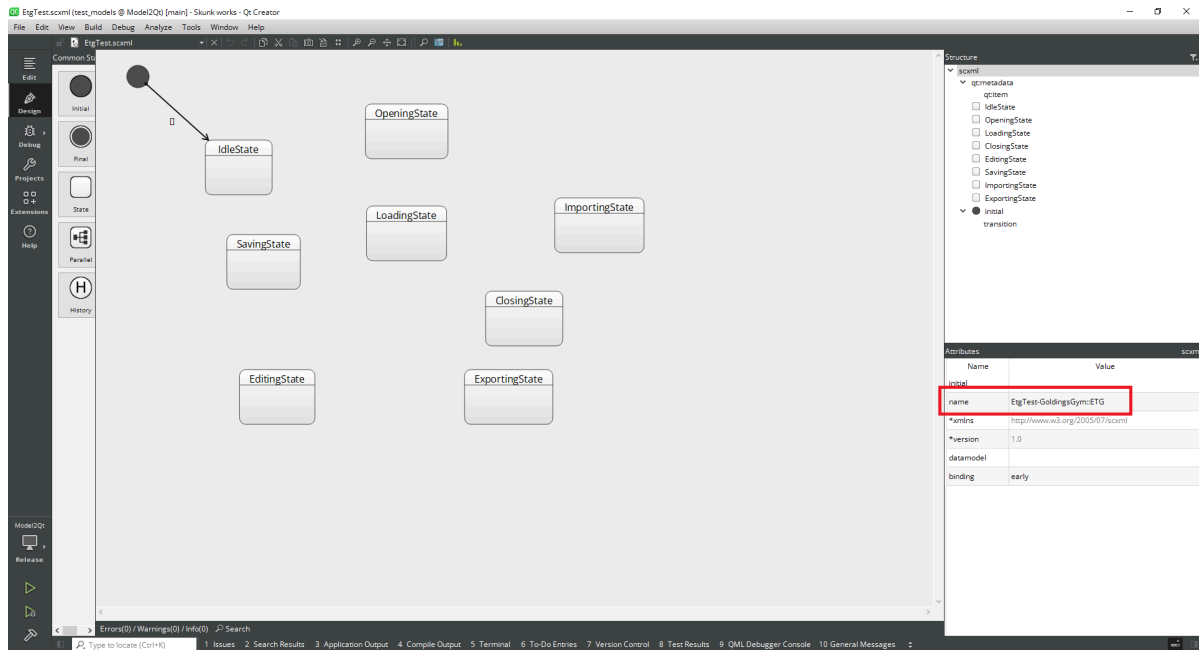
Class model diagram



State chart (simple pattern)

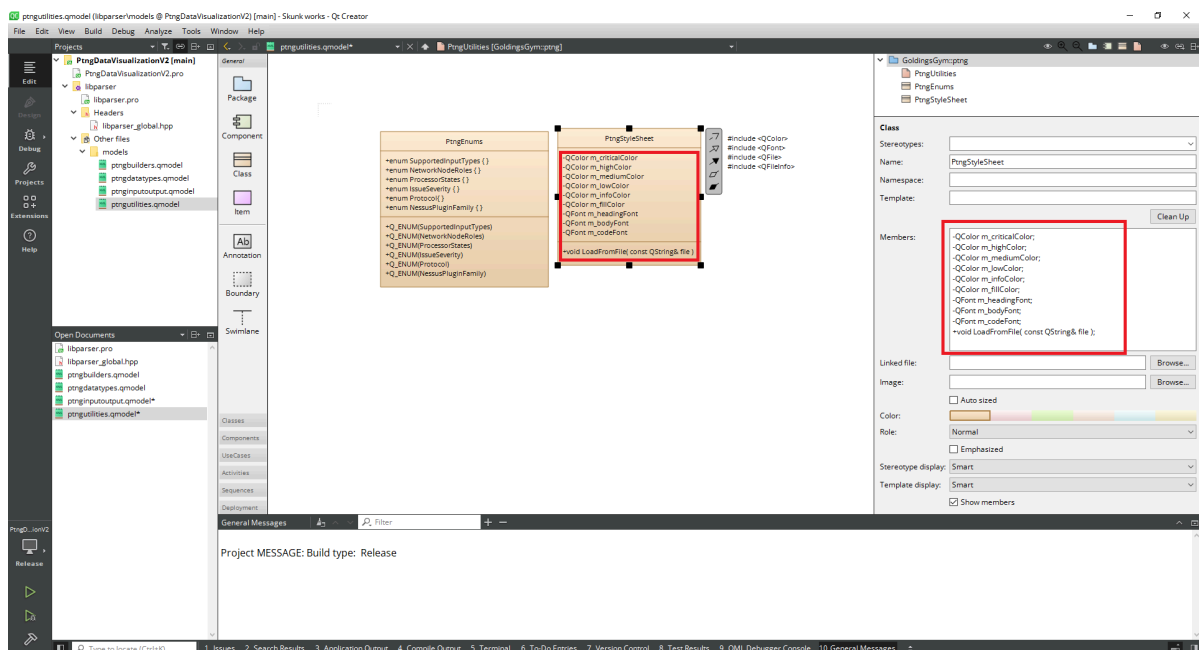


State chart (events, transitions and guards pattern)



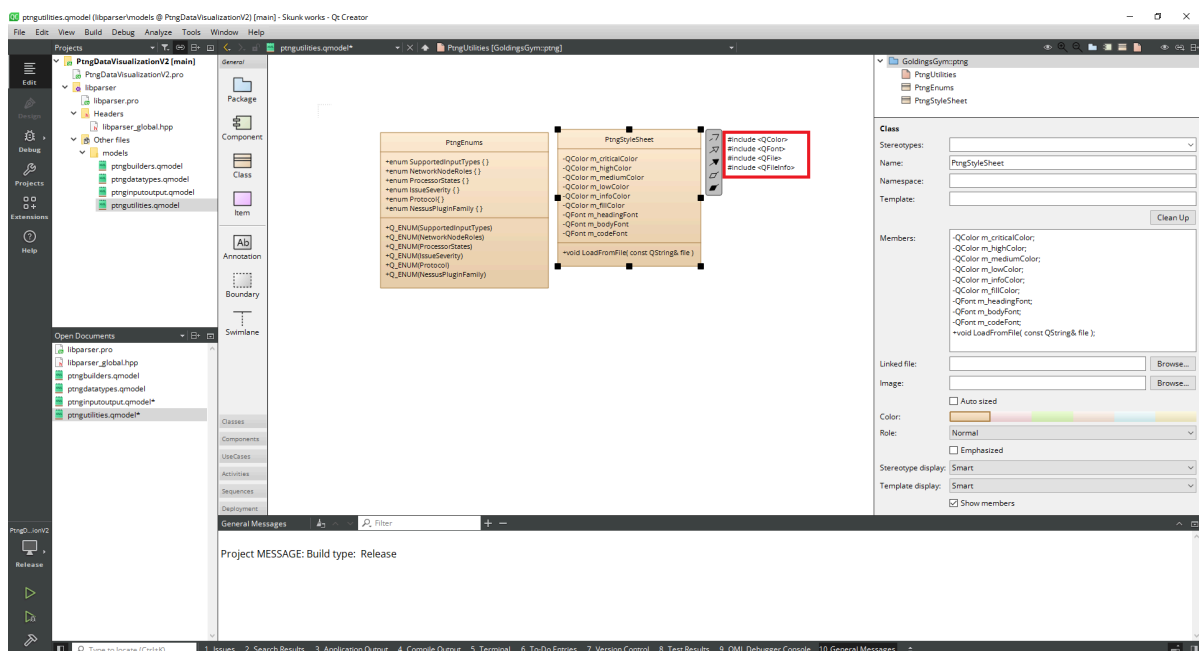
Models - members

Enter functions and variables in the attributes section on the right hand pane. Use '-' for private, '+' for public and '#' for protected. They will appear in the class on the mainwindow.



Models - annotation

Use a single annotation to include additional headers in the generated *.hpp files. Enter them as they would appear if typed manually:



Examples:

```
model2qt.exe -i class_model.qmodel qtclass clobber namespace
model2qt.exe -i state_machine.scxml qtfsn preserve_case
model2qt.exe -i state_machine.scxml qtsmf preserve_case namespace
model2qt.exe -i state_machine.scxml qtfsn etg clobber
```

ghostrecon.exe usage

Options and switches

Usage: C:\Tools\GoldingsGymStatic\ghostrecon.exe [options] local all-nics all-nics-config all-ips nic-for-ip domain remote resolve all silent
ghostrecon Queries an SSL server and examines certificate details. Can also provide details of internal networking configuration.

Options:

-?, -h, --help	Displays help on
commandlineoptions.	
--help-all	Displays help, including
generic Qt options.	
-v, --version	Displays version information.
-t, --target <IP Address(es) or domain name(s)>	Comma-delimited list of
host(s) to query.	
-x, --xml <file>	Write to XML file. This is
ignored for some operations.	

Arguments:

local	Local host checks
all-nics	Local host check - show all
NICS	
all-nics-config	Local host checks - show
configuration for all NICS	
all-ips	Local host checks - show all
IP addresses on the local host	

nic-for-ip	Local host checks - show NICs
for all IP addresses on the local host	
domain	Local host checks - domain
membership and hostname	
remote	Remote host checks
resolve	Remote host checks - resolves
each host in the target option	
all	All checks for the selected
mode (local or remote)	
silent	Do not print to console (only
makes sense if you have set the -x/--xml	
option)	

Examples:

```
ghostrecon.exe local all-nics
ghostrecon.exe local all-nics-config
ghostrecon.exe local all-ips
ghostrecon.exe local nic-for-ip
ghostrecon.exe local domain
ghostrecon.exe local all

ghostrecon.exe remote resolve -t sun.com,microsoft.com
ghostrecon.exe remote all -t sun.com,microsoft.com
```

qnetdiags.exe usage

Options and switches

Usage: C:\Tools\GoldingsGymStatic\qnetdiags.exe [options] client server tcp http ssl

qnetdiags Provides diagnostics for TCP, SSL and HTTP client/server.

The application of SSL is inferred by the presence of the key and cert options.

Options:

-?, -h, --help	Displays help on commandline options.
--help-all	Displays help, including generic Qt
options.	
-v, --version	Displays version information.
-t, --target <IP address>	Target IP address. Required for all client
connections.	
-p, --port <int>	Port number. Required for both client
connections and server listen.	
-c, --cert <file>	CA certificate file. Required for SSL (TCP
and HTTP) client and server.	
-k, --key <file>	Private key file. Required for SSL (TCP and
HTTP) client and server.	
-s, --suppliment <file>	Client certificate file. Required for SSL
(TCP and HTTP) client.	
-m, --method <get put post delete>	HTTP method. Required for HTTP(s) client.
-f, --file <file>	File containing data to append to HTTP(s)
client with either the put or post method.	

Arguments:

client	Client connection diagnostics.
server	Server listen diagnostics.
tcp	TCP client or server.
http	HTTP client or server.
ssl	Use SSL if certificate and key files are valid.

Examples:

```
qnetdiags.exe server tcp -c SERVER-CERT.pem -k SERVER-KEY.pem -p 443
qnetdiags.exe client tcp -c .ERVER-CERT.pem -s CLIENT-CERT.pem -t localhost -p 443
```

```
qnetdiags.exe server http ssl -c SERVER-CERT.pem -k SERVER-KEY.pem -p 443
qnetdiags.exe client http -c SERVER-CERT.pem -s CLIENT-CERT.pem -m get -t localhost -p 443
```