



## MENU OPTIONS



### File (Alt+F)

- Open** (Ctrl+O) - select a PE file to open
- Dump** (Ctrl+D) - dump the current PE file to an IL source file
- Dump TreeView** (Ctrl+T) - dump the fully expanded tree view of current PE file to a text file
- Exit** (Ctrl+X) - close the current PE file and exit

### View (Alt+V)

- Set Fonts** - set the fonts for tree view and disassembly windows.  
Default fonts are MS Sans Serif.8 for tree view and Courier.10 for Disassembly windows
- Sort by name** - (on/off) sort the items in tree view by name
- Show Public** - (on/off) show or dump the items having public accessibility
- Show Private** - (on/off) show or dump the items having private accessibility
- Show Family** - (on/off) show or dump the items having family accessibility
- Show Assembly** - (on/off) show or dump the items having assembly accessibility
- Show FamANDAssem** - (on/off) show or dump the items having family-and-assembly accessibility
- Show FamORAssem** - (on/off) show or dump the items having family-or-assembly accessibility
- Show PrivateScope** - (on/off) show or dump the items having private scope accessibility
- Show Member Types** - (on/off) show types of members ('method','field',etc.) in tree view nodes
- Show bytes** - (on/off) show the actual IL code in hexadecimal (as comments) when disassembling the methods
- Show token values** - (on/off) show token values in hexadecimal (as comments)
- Show source lines** - (on/off) show the original source code (as comments, if the original source is available)
- Quote all names** - (on/off) include all names in single quotes (when off, only illegal names are quoted)
- Expand try/catch** - (on/off) present SEH clauses in expanded form when possible  
(.try { ... } catch ExceptionClass { ... })
- COR Header** - show contents of COR header in a disassembly window";
- Statistics** (advanced mode only) - show PE file statistics in a disassembly window
- MetalInfo** (advanced mode only)
  - Header** - (on/off) show metadata info as header summary
  - More HEX** - (on/off) show token and attribute values (in hexadecimal) in metadata info
  - CSV** - (on/off) show metadata info as comma-separated values
  - Unresolved ext** - (on/off) add list of unresolved external references to metadata info
  - Validate** - (on/off) show metadata validation results
  - Show!** (Ctrl+M) - show the metadata info in a disassembly window

## TREE VIEW ICONS

Namespace:		(Blue shield)
Class:		(Blue rectangle with three outputs)
Interface:		(Blue rectangle with three outputs marked 'I')
Value Class:		(Brown rectangle with three outputs)
Enum:		(Brown rectangle with three outputs marked 'E')
Method:		(Magenta rectangle )
Static method:		(Magenta rectangle marked 'S')
Field:		(Cyan diamond)
Static field:		(Cyan diamond marked 'S')
Event:		(Green point-down triangle)
Property:		(Red point-up triangle)
Manifest or a class info item		(Red point-right triangle)

## ***CLICKING ON TREE VIEW ITEMS***

Double-clicking on various tree view items results in the following actions:

- On namespace or any type of class - expanding/collapsing respective subtree
- On manifest, field, method, event, property - showing disassembly of the item in a separate window
- On **.class** info item - showing partial disassembly of the class in a separate window
- On **extends** info item - selecting the parent class (if present) in tree view
- On **implements** info item - selecting the implemented interface (if present) in tree view

## **KEYBOARD COMMANDS**

Hot keys:

**Ctrl+O** - open a file

**Ctrl+D** - disassemble the loaded file into IL source file

**Ctrl+T** - dump fully expanded tree view into a text file

**Ctrl+M** - show metadata info in a disassembly window (advanced mode only)

**Ctrl+X** - exit

**F1** or **Alt+H** - Show this help window

In tree view:

Enter - similar to double clicking (see above)

Cursor right - expand subtree

Cursor left - collapse subtree

Cursor up/down - select previous/next item

