

Raku Symbol Server (RSS)

Raku Symbol Server (RSS) is ideal for geospatial digital display of MIL-STD 2525B symbology.

The component creates the various symbols on-the-fly as needed rather than maintaining a crude bitmap library.

RSS was first developed for use in Object Raku's Sextant suite of geospatial visualization and mission planning tools.

RSS is Windows and Unix based and comes with detailed & comprehensive documentation. Software developers incorporating the RSS SDK into their applications pay a developer's seat license plus a small run-time fee for deployed instances of the RSS dll.

"The Raku Symbol Server allowed us to go to market quickly with a high-quality, out-of-the box solution for 2525b symbology. Object Raku's support has been excellent."

Kevin Flood,
Director, Product Mgt
Analytical Graphics, Inc.

The Raku Symbol Server SDK provides a full COM interface to generate the MIL-STD-2525B symbol set based either on the 15 Character Symbol ID Code or on user input to a provided GUI.

Through the COM interface, a specific symbol can be selected and returned to the caller as a bitmap, EMF, GIF, TIF, JPG, or PNG, either on the clipboard or in a file.

Heavy use is made of the GDI+ libraries from Microsoft to provide the multiple output formats. SVG is used internally to perform the

vector drawing of symbols. The svg source is also available separately.

Through the COM interface, symbols, including Tactical Graphic Lines and areas can be drawn directly to a calling applications window. Symbols can also be returned as an SVG string.

Platform support includes Windows '98, 2000, NT 4.0 or greater and Win XP. A limited port to Unix/Linux is also available.

- **Full set of MIL-STD-2525B Symbols generated by a Component**
 - Warfighter, MOOTW, SIGINT
 - METOC, Tactical Graphics
 - All frame and echelon combinations including templated
 - Transparent, Filled White frame, Filled Black Frame
 - All fields for text and graphics modifiers
- **Full set of MIL-STD-2525B Symbols generated by a Component**
 - Programmatic interface—create from standard Symbol ID Code
 - Launch user interface— off-the-shelf or configure your own
- **Choose the best output format for your application**
 - GIF, JPG, BMP, TIF, PNG, EMF, SVG
 - Saves to file or standard Windows clipboard
 - Option to have RSS draw directly on a window
- **Scalable transparent symbols**
 - Drop transparent symbols into your GUI for easy manipulation
- **Standard COM interface**
 - Access using C, C++, VisualBasic, Java
 - Use with any language that supports COM
 - Integrates to mapping applications such as ESRI's MapObjects, Microsoft MapPoint, Google Maps, Global Mapper or your application!

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UNIT NAME
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STAFF COMMENT
ADDITIONAL INFO
HIGHER FORMATION
A1/C EFF/IFF

