



*System
Administrator Kit*

RUMBA 8.0 Installation Guide

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1 Planning Installation and Deployment

This guide is written for IT professionals and system administrators who must customize, install and deploy RUMBA software.

It contains instructions for installing RUMBA on Windows XP, Windows Vista and Windows 7 with Microsoft Installer technology. Additionally, it contains the following chapters and appendixes:

- [Installing, Modifying, Repairing, and Uninstalling RUMBA Software](#)
- [Customizing Setup](#)
- [Microsoft Installer Command Line Arguments](#)
- [Transforms](#)

This version of RUMBA requires the latest Windows Installer service to install any RUMBA feature on Windows operating systems. This new technology will require less of your management time and allow you to design seamless deployment packages for RUMBA.

Windows terminology

Before actually beginning a discussion of RUMBA Setup it is a good idea to understand some basic terminology and features of the Windows policy-based management environment.

Roaming

In Windows versions from XP on, Windows allows you to move from computer to computer yet maintain your specific desktop profile. Your login information enables this particular feature because your profile information is located on a server.

Microsoft Installer file types, **.msi** and **.mst**, and how to use them

The Microsoft Installer (**.msi**) replaces prior installation methods, and enables cleaner installs and uninstalls, as well as repairs. The transform file (**.mst**) allows you to customize your RUMBA installations. Before using **.mst**, be sure to verify that you have the latest version of MSI installed. For more information, read “Microsoft Installer service” on the next page, and [How to customize Setup on page 19](#).

► Note

Micro Focus includes a default transform file for each different edition of RUMBA: AS/400, UNIX-HP, Mainframe, and Telnet. In any deployment scenario, except advertising via SMS, you must use these transforms when installing a RUMBA edition, plus any custom transforms you create for your specific networking environments. For more information, read [What is a Transform on page 27](#).

Publishing and Assigning with Intellimirror

Administrators can publish RUMBA to users or assign RUMBA to users or computers.

Administrators **assign** an application through Group Policy Objects. Assigned applications have installation persistence: When a user selects the program for the first time, it will be installed. If a user uninstalls an assigned application it will re-advertise immediately.

Administrators **publish** an application by making it available to users that may want the application. With published applications, each user decides whether or not to install the application from the Control Panel’s Add/Remove Programs utility.

You can only publish to users, not computers.

Active Directory

Administrators deploy applications in Group Policy Objects (GPOs) that are associated with Active Directory containers such as sites, domains, and organizational units (OUs). Intellimirror (Windows XP) deployment requires Active Directory.

Microsoft Installer service

The Windows Installer service manages applications at the component level and maintains reference counts in the form of a client list of product codes (rather than integers), so it can identify clients of the installed resource to synchronize counts. This allows clean and complete installs and uninstalls of RUMBA, whether simple or sophisticated.

General system requirements

RUMBA will install on the following operating systems:

► Note

This RUMBA installation will detect a prior RUMBA 7.x installation, and uninstall it before installing the current version.

- Windows 7
- Windows Vista Business, Ultimate and Enterprise 32-bit versions
- Windows XP
- Windows Terminal Server (Citrix)

Prerequisite software

The following software is required for RUMBA to install:

- Windows Installer 3.1 or later
- Microsoft .NET Framework 3.5 Service Pack 1
- Microsoft Visual C++ 2008 SP1 Redistributable Package (x86)

These can be installed from the Prerequisites folder on your DVD, or downloaded from the Microsoft web site.

Disk space requirements

The data below provides a rough approximation of disk use requirements for planning purposes. Actual usage may vary. Individual RUMBA components share some common resources. Therefore, the disk space needed for an installation that includes all components is significantly less than the total disk space required for separate installations of the individual components. Single host installations generally use 40–60 MB and complete RUMBA software installations generally use about 100 MB, though actual usage may vary.

Things to consider prior to installation

When you install RUMBA software, Setup will prompt you for standard information. Plan your installation based on the following questions (not necessarily in this order):

- Is this a first-time install, or is a previous version of RUMBA installed?
- Will you need to uninstall a RUMBA version?
- Will you install directly from the DVD or from a server? If you are installing from a server, you need to know the server's name. If you are installing from a DVD, have your license key at hand.
- What type of installation will you select: Typical, Complete, or Custom?
- To which hosts will you connect: AS/400, Mainframe, HP or UNIX?
- Will you be using Intellimirror for your distributed installs?
- Will you be using SMS for your distributed installs?
- Will you be using SMS combined with Intellimirror?
- Will you customize the install with your own transforms?
- Will you be installing on Windows Terminal Server (Citrix)? If you are installing on Windows Terminal Server, then have your RUMBA license key for Terminal Server at hand. Having RUMBA installed on the Windows Terminal Server, follow its vendor instructions on how to publish RUMBA applications to your users.

Deployment strategies

As an administrator, how you deploy RUMBA depends largely on the change and configuration management functions of your networks, whether simple or complex. [Installing, Modifying, Repairing, and Uninstalling RUMBA Software on page 11](#) contains detailed deployment and customization information for your enterprise-wide RUMBA installations.

License key

Each RUMBA Edition is unlocked by an appropriate license key. The license key consists of a five-six-five alphanumeric numbering system. This is located on your CD case. For example:
XXXXXX-XXXXXX-XXXXXX.

You may install RUMBA Office Edition or evaluation without a license key. The installation will function for 30 calendar days. When you do obtain a license key, Setup will validate the key and will allow RUMBA to run beyond the 30 day evaluation period.

Note

Each license key is specific to a particular version of RUMBA.

Server path

When you are doing any kind of administrative install you need to know the UNC path of the distribution point.

Name and company name

The Name should be the name of the registered user of the RUMBA software. The Company Name is an optional field; some people prefer to use their department name.

Typical, Complete, or Custom installation

These installation options allow you to control which RUMBA features are installed. The available features will change depending on your RUMBA Edition.

Typical: installs a standard set of RUMBA features (but not every feature). This is the simplest installation type.

Complete: installs all RUMBA features, without the opportunity to add or remove individual features.

Custom: Gives you the opportunity to add or remove individual features.

Migration issues/Directory locations

RUMBA is Windows XP-, Windows Vista- and Windows 7-certified. Consequently, user-defined and configuration files no longer reside in the same locations as in RUMBA versions prior to 7.0. In order to support the roaming experience of Windows XP/Vista, we classify each of these files according to their scope and function. Examples are:

- Per user - each user has their own version of a file and this file can roam with the user. .
- Machine-specific - this file only relates to the machine that the product is currently installed on and cannot roam with the user.

These locations are configurable.

For more information

See [RUMBA File Locations for Windows XP on page 29](#) and [RUMBA File Locations for Windows 7 and Vista on page 33](#) .

Previous-version RUMBA installations (pre-RUMBA 7.0)

RUMBA will detect the existence of previous 32-bit RUMBA and On Web Web-to-Host products. The installation will not continue until these have been removed. For large SMS deployments, it is strongly advised that you create separate SMS packages for the removal of the old version of the product and the installation of the new version.

For more information

For detailed information on RUMBA file locations on supported platforms, consult [Appendices B and C](#) of this document.

Registering RUMBA (via the Web)

You have the option of registering RUMBA at the beginning of the autorun installation process, directly from the Setup splash screen. Registration is important because it allows you to get product support, technical assistance, and qualify for software updates and other services.

Workstation installation

You can install to a workstation from a CD, or from an administrative install on a server.

Administrative installation

You install RUMBA to a network location for use by a workgroup. An administrative install uses the `msiexec` command line option `/a`. Users with access to the location can install the product from this source. For example:

```
msiexec /a rumba.msi [TARGETDIR=\\server\share\path [/qb]]
```

►

For more information

See [Microsoft Installer Command Line Arguments on page 20](#).

Choosing between workstation and administrative installations

The following table describes the differences between a simple administrative install and a workstation install.

To install	From CD	From the server
Workstation (standalone)	Run Setup.exe or rumba.msi	rumba.msi
Server	Run an administrative install with the command line option <code>/a</code> .	N/A
Workstation	N/A	Run Setup.exe from the RUMBA directory of the network server (or administrator-specified location).

Microsoft Host Integration Server (HIS) 2000 Server and Client

To configure a workstation to communicate with a Microsoft HIS 2000 server (formerly called Microsoft SNA server), you need to have two pieces of software on the workstation: the Microsoft HIS2000/SNA client, and the RUMBA interface for the Microsoft SNA/HIS 2000 server. If you do not have the software for the Microsoft SNA client, you can download the client from Microsoft.

2 Installing, Modifying, Repairing, and Uninstalling RUMBA Software

This chapter explains the installation process and contains procedures used to install and uninstall RUMBA software.

The following topics are discussed:

- The installation process (with the Microsoft Installation service)
- Installation rollback
- Modifying and repairing RUMBA
- Procedures for uninstalling RUMBA software

The installation process

Installation can be as simple as following the installation wizard on a single desktop directly from the product DVD, or as flexible as "push" and "pull" delivery options with transforms.

In order to modify the basic installer process, you must have a competent grasp of how to create transforms, and an authoring tool to do so, and/or are familiar with command line options.

For more information

"What is a Transform" on page 27, and "Microsoft Installer Command Line Arguments" on page 20.

You should already know what kind of installation you need and should already have gathered the information required. If not, refer to the earlier chapter of this guide.

See [“Things to consider prior to installation” on page 5](#) if you:

- Need help gathering the required information
- Would like to read a discussion of other factors that influence site planning for RUMBA deployment

Changes to RUMBA components

ARPEGGIO Data Access and Organizer

The following subsystems are no longer supported by Micro Focus:

- ARPEGGIO Data Access
- ARPEGGIO Data Organizer

They can be downloaded and installed from the Micro Focus support web site, but they are available on an "as is" basis only and no support is provided. If you have a previous version of RUMBA and want to retain your existing configuration, you must install it manually during the install process.

Optimized ODBC Driver

The RUMBA Optimized Server ODBC driver has been moved into the AS/400 File Transfer subsystem and is installed automatically only if AS/400 file transfer is installed.

TP Director and Script Editor

The TP Director was included in previous versions of RUMBA to map Local LU 6.2 information for APPC and/or CPIC Transaction Programs to a specific User ID. The TP Director is no longer installed as part of RUMBA, but can be installed separately from the CD if necessary.

Similarly, the Script Editor is no longer installed as part of RUMBA but can be installed separately from the CD.

Installing from the DVD

The first, and simplest, installation process consists of inserting the DVD into the appropriate DVD drive, choosing Rumba 8.0 from the main menu, and following the RUMBA Setup wizard instructions. During this installation process you will be asked to select a Typical, Complete, or Custom installation option. The Typical installation option is the default.

Setup will:

- Transparently install the Windows Installer if it is not present on your system
- Transparently install the RSS Client (for increased security) if it is not present on your system
- Check that there is sufficient disk space on your destination drive
- Give you the opportunity to choose the product language (English, German or French)
- Advise you of any Rumba prerequisites that are not currently installed on your computer (C++ libraries and/or .NET 3.5 SP1)
- Check that your license is valid
- Check your file permissions
- Modify your registry information
- Prompt you to reboot (if required)

RUMBA as a stand-alone installation

You can install a stand-alone workstation from a DVD:

1. Insert the DVD into the appropriate drive. You can also install from a DVD image on a server. Start Setup.
2. Follow the instructions on the Setup wizard.

3. Enter the license key or install an evaluation version of RUMBA. You can bypass the license key dialog box by adding the license key to a command line. For example, `rumba.msi LICENSEKEY=<your license key>`

For more information

For detailed information on command line syntax, see [“Microsoft Installer Command Line Arguments”](#) on page 20.

4. Review the RUMBA license agreement. Select I accept the terms in the license agreement to proceed.
5. Enter your Name and your departmental or Company Name.
6. Choose a directory for RUMBA to be installed to. Micro Focus recommend that you use the default of C:\Program Files\Micro Focus\RUMBA. You can also choose the location for application data files:
 - a) Windows Default Folders. The default location where Windows saves application data.
 - b) Specify Private Folders. This allows you to set custom locations in which the User Profiles and Interface Configurations will be stored.
7. Select the installation type: Complete, Custom or Typical.
 - a) Complete. Installs all RUMBA components. This option requires the most disk space.
 - b) Custom. This option has the same default items selected as the Typical option, but allows you to add or remove individual components. The Feature Description panel to the right of the component selection box indicates the amount of disk space required for each feature.
 - c) Typical. Installs a standard set of RUMBA components. This is the simplest installation type. Note that it does not install every component.

Setup creates a Micro Focus Rumba directory in your Windows Start menu from which you can access all the RUMBA products and related tools that you have installed.

► Note

The items that Rumba adds to the Start Menu have changed since previous releases. In particular, the Display and Printer items for different hosts are now all accessed from the single Micro Focus Rumba Desktop 8.0 option.

RUMBA as an administrative installation

Use the following command line syntax:

```
msiexec /a drive:\RUMBA_English.msi [TARGETDIR=path  
[/q[b]]].
```

RUMBA as a run-from-source installation

A run-from-source installation means that only a very small subset of files is installed on the user workstation, and the bulk of the product is run directly from a central location, such as a shared network drive. This approach minimizes local computer disk requirements but increases network load.

This type of installation is done in two stages:

- **Stage 1** – Server installation that prepares files for use in the workstation installation.
- **Stage 2** – Workstation installation.

► Note

The following procedure describes how to install the English version of RUMBA. For other languages, use the appropriate language version of the files.

Stage 1 – Server installation

1. Select the location for the run-from-source installation (RFS directory). This is usually a shared directory on a network drive. To protect installation files, either specify read-only access to the directory for all users, or individually change file attribute for all the installed files to read-only.

2. To create an administrative installation, run the following command line:

```
msiexec /a RUMBA_English.msi
```

and specify the RFS directory as destination directory.

3. Copy the following files from the RUMBA DVD to the RFS directory:

```
rumbarfs.mst (Found in the /Transforms directory)
install_client.bat
```

The default installation directory on your users' workstation is defined in rumbarfs.mst as:

C:\Program Files\Micro Focus\RUMBA. To install to a different location on the workstation modify this value in rumbarfs.mst using the InstallShield Tuner.

Stage 2 – Workstation installation

- Run the following command line from the RFS directory:

```
msiexec /i RUMBA_English.msi TRANSFORMS=RUMBARFS.mst
```

Note

Install on Demand is not supported when using the run-from-source type of installation.

Default Path of User Profile

Regardless of the installation type, the default path for the User Profile and Interface Configuration Folders is:

Windows 7 / Vista	C:\Users\<UserLogon Name>\AppData\Local\Micro Focus\RUMBA
Windows XP	C:\Documents and Settings\<UserLogon Name>\Application Data\Micro Focus\RUMBA

If OnWeb Web-to-Host is installed on the same computer, you cannot change the destination or user profile folder location as many files are shared by both products.

Rollback

When you are in the process of installing RUMBA in any configuration with RUMBA Setup, the installation process can completely rollback—that is, it will *undo* every operation that it performs during an install, modification, repair, or removal. This is particularly helpful if you encounter a fatal error during an installer session. The computer can return to the precise state it was in before the installer session. This includes restoration of deleted or overwritten files, registry keys, and other resources.

Note

You cannot roll back a completed RUMBA installation. You will have to uninstall the program in order to remove it.

Rollback disk space requirements

It is possible that the disk space requirement for installing a specific feature may be twice the size of the net disk space consumption. Files that are deleted or overwritten during the course of an installation or removal are temporarily saved to a backup location so that they can be restored if necessary. After a successful installation, or installer operation, all temporary backup files are deleted.

Modifying, Repairing or Removing RUMBA.

Modify

You can modify a RUMBA installation by launching the Setup program, or clicking Change from Windows Add/Remove Programs, and selecting the Modify option.

The Select Features dialog is the same dialog presented by the wizard during a Custom installation. You can add or delete RUMBA features during the Modify operation.

Repair

You can repair a RUMBA installation using Windows Add/Remove Programs, by clicking Change and selecting the Repair option from the Application Maintenance dialog.

The Repair option can:

- Determine whether the requested components and feature are installed. If a component and feature are not installed the installer will check for missing files and reinstall.
- Check that all components in the requested feature are properly installed. The installer verifies the keypath of a given component to determine if that component is broken. If the keypath resource is missing, the installer will perform an on-demand repair.

Remove

You can remove a RUMBA installation using Windows Add/Remove Programs.

Ensure that the RUMBA installation folder (normally C:\Program Files\Micro Focus\RUMBA) was deleted during removal. If not, it is safe to delete it manually.

► Note

OnWeb Web-to-Host uses some of the same files as RUMBA. If you also have OnWeb Web-to-Host installed on your computer, the RUMBA directory will not be removed and should not be manually deleted.

► Note

If you have other Micro Focus products installed on your computer, RSS Client files are not removed during the uninstall process. Removing them could cause another Micro Focus product to stop functioning.

3 Customizing Setup

This chapter contains information to help you customize your RUMBA installation for individual, group and enterprise-wide distributions:

- The Custom option of the RUMBA Setup wizard allows feature selection, is self-explanatory and easy to understand. See [“The installation process” on page 11](#).
- You can create transforms (**.mst**) to modify the RUMBA installation at installation time. See [“Transforms” on page 27](#).
- You can use Microsoft Installer command line arguments to alter the installation. See [“Microsoft Installer Command Line Arguments” on page 20](#).

Deployment information with SMS is presented in [“General SMS Deployment Requirements” on page 23](#).

How to customize Setup

There are several ways to specify custom changes to the standard operations and behavior of the Setup program. Each of these methods affects a different aspect of the installation process. By combining them, you can effectively distribute RUMBA to make full use of Intellimirror features as well as SMS management capabilities.

Transforms

A transform modifies the base installation package file at installation time. The transform remains cached on the computer and is applied to the base installation package whenever the Windows Installer service performs a configuration change (including repair) on RUMBA.

Note

Transforms cannot be applied to an already installed application, only at initial installation.

Creating a transform

You will need an authoring tool to create a transform. Micro Focus supplies the InstallShield Tuner for *RUMBA* as an installation option.

InstallShield Tuner for *RUMBA* contains a complete on-line help reference, and explanatory text in the right-hand panes to define the transform creation process. In addition, it contains the Windows Installer Programmer's Reference, an interactive, high-level tour of Installshield Tuner, and links to InstallShield and Micro Focus support sites.

For additional information about types of transforms and how to apply a transform to a RUMBA installation, see [“Transforms” on page 27](#)).

Warning

The use of an authoring tool is necessary to create a transform for RUMBA 8.0. It is recommended that users apply these tools carefully as they expose a great deal of functionality and detail. Since each install customized by an authoring tool is unique Micro Focus may not be able to support customers with RUMBA installations made inoperable due to manipulation of the MSI database install file.

Microsoft Installer Command Line Arguments

The following information is available in more detail from the Microsoft Installer SDK. The most common options and parameters are presented here to enable you to easily organize and customize your deployment options.

Option	Parameters	Definition
/i	{package ProductCode}	Installs or configures a product: For example, msiexec /i A:\rumba.msi LICENSEKEY=<your license key>
/a	package	Administrative installation option.
/f	[p][o][e][d][c][a][u][m][s][v] {package ProductCode}	Repairs a product. This option ignores any property values entered on the command line. <p>p - Reinstall only if file is missing.</p> <p>o - Reinstall if file is missing or if an older version is installed.</p> <p>e - Reinstall if file is missing or an equal or older version is installed.</p> <p>d - Reinstall if file is missing or a different version is installed.</p> <p>c - Reinstall if file is missing or the stored checksum does not match the calculated value.</p> <p>a - Force all files to be reinstalled.</p> <p>u - Rewrite all required user-specific registry entries.</p> <p>m - Rewrite all required computer-specific registry entries.</p> <p>s - Overwrite all existing shortcuts.</p> <p>v - Run from source and recache the local package.</p> <p>As an example, repair an installation with the following command: msiexec /fpecms rumba.msi</p>
/x	{package ProductCode}	x - Uninstalls a product. For example: msiexec /x rumba.msi
/L	[i][w][e][a][r][u][c][m][p][v] [+][!]/logfile	Specifies the path to the log file. The following flags are: <p>i - Status messages</p> <p>w - Nonfatal warnings</p> <p>e - All error messages</p> <p>a - Startup of actions</p> <p>r - Action-specific records</p> <p>u - User requests</p> <p>c - Initial user interface parameters</p> <p>m - Out-of-memory</p> <p>p - Terminal properties</p> <p>v - Verbose output</p>

Option	Parameters	Definition
		<p>+ - append to existing file</p> <p>! - Flush each line to the log</p> <p>* - Wildcard; log all information except for the v option.</p> <p>To include the v option, specify /L*v.</p> <p>The following example installs a package and creates a log file to include status, out-of-memory, and error messages:</p> <p>msiexec /i rumba.msi/Lime logfile.txt</p>
/p	<i>PatchPackage</i>	<p>Applies a patch. To apply a patch to an installed administrative image you must combine options as follows:</p> <p>/p - <i>PatchPackage</i></p> <p>/a - <i>package</i></p>
/q	{n b r f}	<p>In conjunction with /i (install) or /x (uninstall), sets the user interface level.</p> <p>qn - No user interface</p> <p>qb - Basic user interface</p> <p>qr - Reduced user interface with modal dialog box displayed at the end of installation.</p> <p>qf - Full user interface with modal dialog box displayed at end of installation.</p> <p>qn+ - No user interface except for modal dialog box displayed at end of installation.</p> <p>qb+ - Basic user interface with modal dialog box displayed at end of installation.</p> <p>qb- - Basic user interface with no modal dialog boxes.</p> <p>Note: /qb+- is not a supported user interface level. The modal dialog box does not display if the user cancels the installation. The following command will display the basic user interface options during package installation:</p> <p>msiexec rumba.msi /qb</p>

4 Distributing RUMBA with SMS

General SMS Deployment Requirements

The mechanics of Microsoft Systems Management Server (SMS) administration are beyond the scope of this document. It is assumed that you are familiar with the standard operations of the SMS family of products.

The latest SMS product is System Center Configuration Manager 2007, which incorporates built-in support for Microsoft Vista.

For more information

<http://www.microfocus.com/docs/links.asp?nx=sms>

Uninstalling previous versions of RUMBA

Before you can deploy this version of RUMBA, you must uninstall any previous versions of RUMBA that are currently installed.

The easiest way to uninstall RUMBA varies according to the version of SMS you have installed. In some versions of SMS the easiest way to uninstall previous versions of RUMBA is to include a response file (response.ini) or definition file (.pdf) in a command line as part of an uninstallation deployment package. In this case, if you do not have the previous-version documentation and the .pdf or response file (or files) of your previous RUMBA installation, you will need to create a new response file.

In other versions of SMS the easiest method is to create a Task Sequence to run the uninstallation. Check the documentation for your SMS version.

Preparing client computers for Windows Installer

Once you've uninstalled a previous RUMBA version you must ensure that Windows Installer is resident on client computers before installing this current version of RUMBA. If not, you must install it.

Installing Windows Installer requires administrative rights on client computers. To install Windows Installer, you can use the installer setup program, `InstMSI.exe`.

► Note

Command line options are case sensitive.

You can also create a program dependency in an SMS deployment package which installs the Microsoft Installer service immediately prior to a RUMBA installation, on an on-demand basis.

► For more information

You can download the Microsoft Installer SDK from:
<http://www.microfocus.com/docs/links.asp?nx=platsdk>

Creating a RUMBA deployment package

Before creating a RUMBA deployment package, consider:

- Source and distribution points
- Will this be an on-demand installation?
- How your Collections should be configured
- Whether clients have the correct rights, or whether to configure Package Access Accounts
- Will you configure the user interface to be used by the clients?

You can use the SMS New Package Wizard to create a deployment package.

Identifying a package source directory

The directory that you perform an administrative installation to becomes the package source directory. Any additional files, such as RUMBA profiles or transforms, should also be copied to this location. The results of the administrative installation plus any modifications you make will be propagated to the specified distribution point servers. SMS clients can then install the package from the distribution point servers.

Advanced deployment issues

System restarts

Because RUMBA determines if a computer must be restarted at installation time, the safest option is to assume you will need to configure SMS to perform the restart.

Program removal

RUMBA will be registered in Add/Remove Programs in the Control Panel. This allows the application to be automatically removed using SMS.

► **For more information**

<http://www.microfocus.com/docs/links.asp?nx=sms>

Appendix A: Transforms

What is a Transform

Transforms increase the flexibility of RUMBA installations by providing a way of applying changes to the installation database without altering the original database. For example, in organizations where different departments require different installations of RUMBA, RUMBA's base package can be made available to everyone at one administrative installation point with the appropriate customizing transforms separately distributed to each group of users.

Transforms for RUMBA Editions are located in the Transform directory on the CD. In addition, Micro Focus supplies the InstallShield Tuner for *RUMBA* as an installation option. You can use this or other authoring tool to create new or modify the supplied transforms.

You should become competent with an authoring tool in order to make full use of a RUMBA distribution on Windows 2000/XP and above. Information specific to the use of InstallShield Tuner for *RUMBA* or other authoring tools can be found in their respective documentation.

For more information

http://www.microfocus.com/docs/links.asp?nx=win_inst_trans

Appendix B: RUMBA File Locations for Windows XP

Preinstalled Files

DEFAULT.MNC	C:\Documents and Settings\All Users\Application Data\Micro Focus\RUMBA
SmpleAS4.rmc	Program Files\Micro Focus\RUMBA\AS400\Macro
smplehp.rmc	Program Files\Micro Focus\RUMBA\Hp\Macro
smpletso.rmc	Program Files\Micro Focus\RUMBA\IMFrame\Macro
smpleVM.rmc	Program Files\Micro Focus\RUMBA\IMFrame\Macro
smplevt.rmc	Program Files\Micro Focus\RUMBA\VT\Macro

Run-created Files

Default.mnc	C:\Documents and Settings\<USER>\Application Data\Micro Focus\RUMBA
CONFIG.EHN	C:\Documents and Settings\<USER>\Application Data\Micro Focus\RUMBA
WDEvtLog.log	C:\Documents and Settings\All Users\Application Data\Micro Focus\RUMBA
WDSNA.CFG	C:\Documents and Settings\All Users\Application Data\Micro Focus\RUMBA
wdteldn.cfg	C:\Documents and Settings\<USER>\Application Data\Micro Focus\RUMBA
wdtelnl.cfg	C:\Documents and Settings\<USER>\Application Data\Micro Focus\RUMBA

Macros

.rmc	C:\Documents and Settings\<USER>\Local Settings\Application Data\Micro Focus\Rumba\as400\Macro
	C:\Documents and Settings\<USER>\Local Settings\Application Data\Micro Focus\Rumba\HP\Macro
	C:\Documents and Settings\<USER>\Local Settings\Application Data\Micro Focus\Rumba\IMFrame\Macro
	C:\Documents and Settings\<USER>\Local Settings\Application Data\Micro Focus\Rumba\VT\Macro

User Toolbars

The user toolbars that were used in previous releases are now saved within individual Session Profiles and cannot be shared.

Default Session Profiles

.prf	C:\Documents and Settings\<USER>\Application Data\Micro Focus\RUMBA\Defaults
------	--

User Session Profiles

.rsda C:\Documents and Settings\<USER>\Local Settings\Application Data\Micro Focus\Rumba\as400
.rspa C:\Documents and Settings\<USER>\Local Settings\Application Data\Micro Focus\Rumba\as400
.rsdh C:\Documents and Settings\<USER>\Local Settings\Application Data\Micro Focus\Rumba\HP
.rstdm C:\Documents and Settings\<USER>\Local Settings\Application Data\Micro Focus\Rumba\MFrame
.rspm C:\Documents and Settings\<USER>\Local Settings\Application Data\Micro Focus\Rumba\MFrame
.rsdu C:\Documents and Settings\<USER>\Local Settings\Application Data\Micro Focus\Rumba\VT

Desktop Profiles

.rdps C:\Documents and Settings\<USER>\Local Settings\Application Data\Micro Focus\Rumba

Print Preview

.rpf C:\Documents and Settings\<USER>\Local Settings\Application Data\Micro Focus\Rumba

Keyboard Map

.map C:\Documents and Settings\<USER>\Local Settings\Application Data\Micro Focus\Rumba\AS400
C:\Documents and Settings\<USER>\Local Settings\Application Data\Micro Focus\Rumba\HP
C:\Documents and Settings\<USER>\Local Settings\Application Data\Micro Focus\Rumba\MFrame
C:\Documents and Settings\<USER>\Local Settings\Application Data\Micro Focus\Rumba\VT

Transferred Files

? C:\Documents and Settings\<USER>\Local Settings\Application Data\Micro Focus\Rumba\AS400
C:\Documents and Settings\<USER>\Local Settings\Application Data\Micro Focus\Rumba\HP
C:\Documents and Settings\<USER>\Local Settings\Application Data\Micro Focus\Rumba\MFrame
C:\Documents and Settings\<USER>\Local Settings\Application Data\Micro Focus\Rumba\VT

Hotspots Library

.hsp C:\Documents and Settings\<USER>\Local Settings\Application Data\Micro Focus\Rumba\as400\Macro
C:\Documents and Settings\<USER>\Local Settings\Application Data\Micro Focus\Rumba\HP\Macro
C:\Documents and Settings\<USER>\Local Settings\Application Data\Micro Focus\Rumba\MFrame\Macro
C:\Documents and Settings\<USER>\Local Settings\Application Data\Micro Focus\Rumba\VT\Macro

Help Files

.chm	English	C:\Program Files\Micro Focus\RUMBA\MRI2924
	French	C:\Program Files\Micro Focus\RUMBA\MRI2928
	German	C:\Program Files\Micro Focus\RUMBA\MRI2929

Font Mapping File

.lcs C:\Documents and Settings\All Users\Application Data\Micro Focus\RUMBA

Appendix C: RUMBA File Locations for Windows 7 and Vista

Preinstalled Files

default.mnc	C:\ProgramData\Micro Focus\RUMBA
SmpleAs4.rmc	C:\Program Files\Micro Focus\RUMBA\As400\Macro
SmpleHP.rmc	C:\Program Files\Micro Focus\RUMBA\Hp\Macro
SmpleTSO.rmc	C:\Program Files\Micro Focus\RUMBA\Mframe\Macro
SmpleVM.rmc	C:\Program Files\Micro Focus\RUMBA\Mframe\Macro
SmpleVT.rmc	C:\Program Files\Micro Focus\RUMBA\VT\Macro

Run-created Files

default.mnc	C:\Users\<USER>\AppData\Roaming\Micro Focus\RUMBA
config.ehn	C:\Users\<USER>\AppData\Roaming\Micro Focus\RUMBA
RUMBATRC.CFG	C:\Users\<USER>\AppData\Roaming\Micro Focus\RUMBA

Macros

.rmc	C:\Users\<USER>\AppData\Local\Micro Focus\RUMBA\AS400\Macro
	C:\Users\<USER>\AppData\Local\Micro Focus\RUMBA\HP\Macro
	C:\Users\<USER>\AppData\Local\Micro Focus\RUMBA\MFrame\Macro
	C:\Users\<USER>\AppData\Local\Micro Focus\RUMBA\VT\Macro

User Toolbars

The user toolbars that were used in previous releases are now saved within individual Session Profiles and cannot be shared.

Default Session Profiles

.prf	C:\Users\<USER>\AppData\Roaming\Micro Focus\RUMBA\Defaults
------	--

Print Preview

.prf	C:\Users\<USER>\AppData\Local\Micro Focus\RUMBA\AS400
	C:\Users\<USER>\AppData\Local\Micro Focus\RUMBA\HP
	C:\Users\<USER>\AppData\Local\Micro Focus\RUMBA\MFrame
	C:\Users\<USER>\AppData\Local\Micro Focus\RUMBA\VT

Keyboard Map

.map C:\Users\<USER>\AppData\Local\Micro Focus\RUMBA

Transferred Files

? C:\Users\<USER>\AppData\Local\Micro Focus\RUMBA\AS400
C:\Users\<USER>\AppData\Local\Micro Focus\RUMBA\HP
C:\Users\<USER>\AppData\Local\Micro Focus\RUMBA\MFrame
C:\Users\<USER>\AppData\Local\Micro Focus\RUMBA\VT

Hotspots Library

.hsp C:\Users\<USER>\AppData\Local\Micro Focus\RUMBA\AS400\Macro
C:\Users\<USER>\AppData\Local\Micro Focus\RUMBA\HP\Macro
C:\Users\<USER>\AppData\Local\Micro Focus\RUMBA\MFrame\Macro
C:\Users\<USER>\AppData\Local\Micro Focus\RUMBA\VT\Macro

Help Files

.chm	English	C:\Program Files\Micro Focus\RUMBA\MRI2924
	French	C:\Program Files\Micro Focus\RUMBA\MRI2928
	German	C:\Program Files\Micro Focus\RUMBA\MRI2929

Font Mapping File

.lcs C:\ProgramData\Micro Focus\Rumba\

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