

Chapter 1 : Service Fabric Release – Azure Service Fabric Team Blog

Visual Basic - Programming Fundamentals Notes in Hindi as well as English language Notes covered only Programming Fundamentals portion and Controls and User Interface elements portion was not covered in the notes since Visual Basic was quite wide and needed a lot of time and effort to create notes.

We are excited to announce version 6. NET NuGet packages are now available with. In this release the Service Fabric NuGet packages also continue to support earlier versions of. NET Framework, down to 4. Support for full cross-platform. Full cross-platform support for. This means that you can configure the integration behavior by specifying it as HealthConfigs options in the ApplicationManifest. Check out the release notes for more information. Logs are also being exposed in Service Fabric Explorer. This is a step to enabling us to release more frequent updates to the GUI management tool for Service Fabric. At the same time we have also open sourced the code, enabling all of you to contribute. Check out this doc to read more about SFX standalone [https: Service Fabric Clusters in DevTest Labs](https://devtestlabs.azure.com/) Azure DevTest Labs is a service that helps developers and testers quickly create environments in Azure while minimizing waste and controlling cost. Using the new environment feature in Azure DevTest Labs, we have published guidance on how to use this for Service Fabric clusters. This gives you a great way of optimizing and control your cloud spending working with Service Fabric clusters. See this blog post for more information: The main scenario is to provide a light-weight development experience for MacOS, but the container will also run on Linux and Windows, using Docker CE. To get started, follow the directions here: It contains the following new functionality: If you are using Visual Studio you can get the updated tooling using Web Platform Installer, check the release notes for direct download links. Release Notes The release notes for this release, including download links and repository references can be found here: Existing Windows clusters are being upgraded with these releases, if configured for automatic upgrades. Download link Service Fabric. Check the release notes for direct download links. Learn more about Service Fabric Head over to our docs landing page for great quickstarts and tutorials:

Chapter 2 : Upgrading to MSXML “ Microsoft XML Team's WebLog

Introduction to Visual Basic. Visual Basic is a programming language and development environment created by Microsoft. Visual Basic provides a graphical user interface GUI that allows the developer drag and drop objects into the program as well as manually write program code.

It is a simple application project to help you learn Visual basic programming. Background Information The calculator application does simple arithmetic operations. You can construct an advanced calculator which need same kind of coding that we are going to use in this program, however, the computational logic may differ. The overall steps required to create the Calculator application is as follows. Design the interface of the Calculator application. Name the buttons and textbox controls used in the application. Write VB codes for each controls without making any mistakes. Test the Calucator application and make sure it works and there is no error of any kind. Add style to Calculator by changing the background and color of buttons. Names of Controls Open your Microsoft Visual basic 6. Resize the Form for Calculator application appropriately and this can be done changing the width and the height property. Now add buttons and a single text box from Toolbox on the left sidebar of Visual basic editor window. Calculator Form with Buttons Change the width and the height property of Textbox control, so that it is aligned with the buttons. The original fonts are very small, change the font-size of the buttons to 16px and font-weight to bold. Only one button in the above figure is of different size which is Command10 because it is for the number 0. Set the width of this button to px. The buttons are not aligned properly “ both horizontally and vertically. You can align the controls using Format tab of Visual basic editor menu bar. The buttons get aligned to top. Repeat the step for all rows of buttons. Now we align the buttons column-wise. The column gets left aligned. Repeat the same step for each column. The button space becomes equal between the first and the last button of the row. The button space vertically becomes equal between the first and the last button of the column. Align the Button Controls The naming convention of the buttons should be consistent. We follow this convention throughout the post. Form Name Next we start naming form controls by putting caption for our button and textbox controls, but before that name the form to frmCALC and set form caption to Calculator. Similarly, change the names and caption of all the other buttons and textbox. For your convenience here is the list of controls and their names, caption values and other properties.

Chapter 3 : Visual Basic 6 0 Notes Short - [DOC Document]

Visual Basic Notes. PushKeys. The PushKeys command is available for VB and above only. This is the only reason I moved from VB to VB PushKeys works.

See all customer-reported issues fixed in Visual Studio version To use this new option, select the "Download all, then install" option in the installer Figure 1. We suggest this option if you have a slower internet connection. The default option remains "Install while downloading", which downloads and installs in parallel.

Figure 1 Download Option Performance This release contains the following performance improvements: We reduced the time to unload and reload a small set of C and VB projects in large solutions from minutes to several seconds. We added an option to disable reopening documents that were open in the previous session, as reopening certain types of files or designers can delay solution load. Test Performance We significantly improved performance when running a few tests in a large solution with multiple test projects. Visual Basic Performance Improvement Visual Basic now provides a significant performance improvement when using the pattern CInt Fix number to convert from non-integer types to integers. Performance Profiling This release contains the following performance profiling enhancements: We added the capability to start profiling in a paused state: This can be useful while waiting for a scenario worthy of a CPU Usage investigation. If CPU usage collection is disabled at startup, the Performance Profiler will not collect any CPU usage sample stack data until it is specifically enabled. This results in a smaller amount of data to collect and analyze, thus making your performance investigations more efficient. Invoking this tool for a performance profiler session initiates the collection of a stack trace for every .NET object allocation that occurs in the target application. This stack data is analyzed along with object type and size information to reveal details of the memory activity of your application. You can quickly determine the allocation patterns in your code and identify anomalies. In addition, for Garbage Collection GC events, you can easily determine which objects were collected and retained and quickly identify object types that dominate the memory usage of the application. This is especially useful for API writers to help minimize allocations. .NET Object Allocation Tracking Tool, display the Performance Profiler launch page Figure 4 , select a target to profile the default target is the startup project in the solution , check. The Call Tree view now displays asynchronous execution by logical call stack by default. You can view the instances when a function is executing for instance, on the stack by double-clicking a function listed in any of the CPU Usage views. Productivity This release contains the following productivity enhancements: Invert If enables you to invert your logic in if-else statements. Place your cursor in the if keyword to trigger this refactoring. Add parameter from method callsite allows you to add a parameter to a method by adding an argument to a method callsite and triggering Quick Actions and Refactorings. Remove unnecessary parentheses removes parentheses around binary operators that are not essential for compilation. You can now create insertion points and selections at multiple, arbitrary locations in a file with multiple caret support. This allows you to add, edit, or delete text in multiple places simultaneously. Keep your keyboard bindings consistent with two new keyboard profiles: Debugging This release contains the following debugging enhancements: When you have more than one instance of Visual Studio installed, you can now select which instance to deploy your extension to when debugging Figure 5. That way you can, for example, develop in the Visual Studio release channel while debugging in the preview channel. You can now edit collections in the Property Inspector. The designer now allows Templates and Styles to be edited, including when the definitions for those entities are defined in other documents. Properties of type IconElement such as Icon in an AppBarButton now have a custom editor in the Property Inspector making these properties easier to set. The designer, editor, and Edit and Continue should all now work correctly with x: This also corresponds with the new 4. Core the F core library. You can read the specs for each of these changes in the F RFC repository. There are also many improvements to F tools for Visual Studio with this release. The features for this include: This correspond to in ref and out ref in C. The ability to produce IsReadOnly structs. Implicit dereference of byref- and inref-returns from methods. This feature set fixes a bug in the initial design of byref-returns in F 4. We make this change to bring the feature in-line with how C handles ref-returns. An error message is used

when a type annotation indicates that an implicit dereference of a ref- return is now used. Additionally, this feature set also fixes a bug in the F compiler where "Evil struct replacement" was possible; i. You can learn more about span and ref-like constructs in the RFC for this feature set. This syntactic sugar is equivalent to a let! You can learn more in the RFC for match! Relaxing the need to upcast with yield in sequence, list, and array expressions F 4. This restriction was already not necessary for these expressions since F 3. You can learn more in the RFC for this feature. Permitting indentation on list and array brackets F 4. This previous requirement has always been quite confusing, especially for beginners to F. Additionally, it is not required for F sequence expressions. This now brings array and list expressions to the same consistent state as sequence expressions. Enum cases emitted as public F 4. This also makes it easier for profiling tools to analyze logs from F code, where the value rather than the label name was emitted. F Compiler Improvements Improvements to the F compiler in addition to the previously-mentioned language features are in F 4. We improved compiler performance work by removing up to 2. We fixed a bug that results in an AccessViolationException when using yield! It is now possible to inherit from FSharpFunc again. Tail calls are disabled by default for debug builds of F for. They are enabled for release, thus matching the desktop F compiler. F reference normalization has been fixed to allow you to control transitive assembly references written to an output file. This allows you to perform the equivalent of assembly redirection on. We fixed a bug where the error message used when attempting to use dynamic invocation on inline functions was ignored. The error message now propagates. F now respects the WarningsNotAsErrors flag that you can set in project files. When branches of a pattern match do not return the same error message type condition, has been updated to be friendlier by Isaac Abraham. An internal error bug when a compiling interface implementation that lacks an overloaded method implementation has been fixed by Steffen Forkmann. Some unnecessary array copying in the lexing phase of the compiler has been removed by Gauthier Segay. Incomplete pattern matches on F enumerations now produces a detailed warning that gives an example of a case not covered, contributed by John Wostenberg. A bug where consuming C extensions methods could fail in F overload resolution has been fixed by Steffen Forkmann. An internal QueueList data structure bug was fixed by Steffen Forkmann. Various smaller optimizations and code cleanup efforts were contributed by Steffen Forkmann , Eugene Auduchinok , and ncaev. F Core Library 4. You should now be able to see user code and user line numbers in stack traces. Action overloads, to help in interoperation with C. ValueOption is a new type available, which is the first in a set of future features ultimately aimed at better performance for Active Patterns. TryGetValue is now a new member on the F Map type. Comparison for bool now uses fast generic comparison, contributed by Vasily Kirichenko. The summary text for Array. As always, with a large number of contributions from the F open source community. Here are the highlights: We improved IntelliSense performance for. A community-driven effort to analyze and improve IntelliSense performance for very large files was contributed by Vasily Kirichenko , Steffen Forkmann , and Gauthier Segay. The warning for an outdated FSharp. Core despite the package being installed is no longer present in. The description tooltip that displays XML documentation for a member after. A bug where you could not set breakpoints in object constructor arguments has been fixed. A bug where a renamed symbol would be duplicated when it is a generic parameter has been fixed. Core from a NuGet package, to align with. We did this work in collaboration with Gibran Rosa. Explanations for each option are now present in tooltips for the settings.

Chapter 4 : Simple Calculator Application in Visual Basic | NotesforMSc

Select "Install Visual Basic Enterprise Edition" and click Next to continue. Choose an Install Folder Visual Basic setup automatically selects the default installation directory under " Program Files ", however, if you want to change the default installation directory then you can do it now.

When you start the Visual Basic 6 setup, the installation wizard pops up. At each step, you will have to provide some information. Click Next to start the installation process. The product number is supplied with the installation disk or written on the disk. The username can be a personal name or an institution name if you are from an institution that has provided you with the software. Click Next to continue to the next screen. Install Visual Basic 6. Whereas, the second option gives you individual application or tools you can choose to install. Choose an Install Folder Visual Basic 6. Then click Next to continue. If you are satisfied with inputs provided on previous screens, click Continue. Setup Searching for Installed Components The setup now looks for installed component if any before it starts with the installation. Here setup gives you two choices. Typical Installation Custom The typical components are the essential components of visual basic 6 software. It does not contain features that extends the functionality of visual basic 6 software. The custom option gives you a chance to select exactly what you want. But you must be an advanced VB programmer to be able to do that. Click yes and continue with the installation. At this point, the setup starts installing your file which may take some time, depending on your computer. Setup Installing Files " Visual Basic 6. Click on Restart on the next screen. Restart Windows It will take a few minutes to complete the installation. When your computer is restarted and you have logged in successfully. It is nothing but documentation that you view online about Visual Studio 6. It is time to verify the Visual Basic 6. So go to start menu and click All Programs. Confirm Installation If you see the Visual Basic 6. Common Issues We have made a list of common issues with installing visual basic 6. Program Compatibility Very Low Screen Resolution Missing files The most common issue with installing visual basic 6 on modern windows PC like windows 7 or 8 is program compatibility. To resolve this issue, go to visual basic setup. You can change it to Windows XP sp3. The software will run as if it is running on windows XP sp3 operating system. You may have too much junk files under the windows temp folder or there may be less disk space on your computer. You will see the windows as shown below with a lot of temporary files. You must delete all of these files immediately. Take a careful look at these files and if you find that something is important. Do not delete unless you have a backup. The next problem is with the screen resolution. If you have a very low resolution it will not stop the installation, but the screen appears blurry and every item will be larger than necessary. If you get those messages, you must download those files from internet and paste them in their respective locations or visit MSDN support forum and post your queries.

Chapter 5 : Notes On Visual Basic

Visual Basic 14, likes Â· 87 talking about this. The VB6 programming language (Visual Basic) is the most powerful in the world. This page is.

General availability of Service Fabric on Linux As part of this release we are happy to announce the general availability of Service Fabric as a container orchestrator on Linux. The Linux environment is identical to the Windows runtime for container orchestration and Service Fabric fully supports containerized applications running on Linux. We currently support Ubuntu For more information please see this Azure blog post. SDK Previews for Java and .NET In this release there is also a preview of the both the Java 1. The previews include features across Linux and Windows for Reliable Services written in Java or using .NET Framework targeting Windows. You can now build reliable stateless services, reliable stateful services and reliable Actors using .NET Framework targeting Windows. Service Remoting v2 A new version of Service Remoting is now available for reliable services and actors. The new version works the same as the current service remoting, but introduces several features and improvements, including custom serialization and memory use optimizations such as buffer pooling and reduction of buffer copying. Compose Deployments Compose deployments now support upgrades, enabling you to take advantage of Service Fabric rolling upgrades for your containerized workloads using compose, like any other application in Service Fabric. The compose APIs have changed in this release, but the runtime still supports 2. Sftcl supports all clusters running in Azure, on-premises, in any other cloud and locally and is even available in Azure Cloud Shell, so you can control your Service Fabric clusters directly from within the Azure Portal - using sftcl. Release Notes The release notes for this release, including direct download links and repository references can be found here: Existing Windows clusters will not be upgraded automatically with these releases. To upgrade your cluster, change the upgrade setting to manual and choose this version to start the upgrade. Linux clusters on any version prior to 6. Standalone Package The standalone package for Windows version 6. Check back here later for information. Learn more about Service Fabric 6. Check out these YouTube videos to view a recording of the talks: Azure Service Fabric overview and the road ahead Mark Fussell.

Chapter 6 : Visual Basic - Source Codes/Examples Â» www.nxgvision.com

Notes For Visual Basic 1 Fred Lisalitsa notes 1 Introduction to Visual Basic Visual basic is an ideal programming language for developing sophisticated professional applications for Microsoft windows.

The Blazor templates on the command-line: Templates You can find getting started instructions, docs, and tutorials for Blazor at <https://blazor.microsoft.com>. Upgrade an existing project to Blazor 0. Install the prerequisites listed above. Update the Blazor package and. The upgraded Blazor project file should look like this: Templated components Blazor 0. Templated components allow you to author higher-level components that are more reusable than what was possible before. For example, a list view component could allow the user to specify a template for rendering items in the list, or a grid component could allow the user to specify templates for the grid header and for each row. A render fragment represents a segment of UI that is rendered by the component. A render fragment optionally take a parameter that can be specified when the render fragment is invoked. The specified Context attribute applies to all specified template parameters. This can be useful when you want to specify the content parameter name for implicit child content without any wrapping child element. Generic-typed components Templated components are often generically typed. To define a generic component use the new typeparam directive to specify type parameters. Otherwise, it must be explicitly specified using an attribute that matches the name of the type parameter: Razor templates are a way to define a UI snippet. They look like the following: For example, you can render the previous templates directly like this: In this release we refactored the server-side Blazor support to enable using server-side Blazor with the Azure SignalR Service. Create a new server-side Blazor app. For example, in Azure App Service configure the connection string using an app setting. In the Startup class for the server project, replace the call to app. AddAzureSignalR ; Run the app. If you look at the network trace for the app in the browser dev tools you see that the SignalR traffic is now being routed through the Azure SignalR Service. Razor Components to ship with ASP. About half of Blazor users have indicated they would use the Blazor server-side model, and shipping it in. As part of integrating the Blazor component model into the ASP. NET in the browser: We are now working towards shipping Razor Components and the editing in. We expect to have a preview of this support early next year after the ASP. Our primary goal remains to ship support for running Blazor client-side in the browser. Work on running Blazor client-side on WebAssembly will continue in parallel with the Razor Components work, although it will remain experimental for a while longer while we work through the issues of running. We will however keep the component model the same regardless of whether you are running on the server or the client. You can switch your Blazor app to run on the client or the server by changing a single line of code. Give feedback We hope you enjoy this latest preview release of Blazor. As with previous releases, your feedback is important to us. If you run into issues or have questions while trying out Blazor, file issues on GitHub. You can also chat with us and the Blazor community on Gitter if you get stuck or to share how Blazor is working for you. Click the survey link shown on the app home page when running one of the Blazor project templates: Thanks for trying out Blazor!

Chapter 7 : Visual Studio Release Notes | Microsoft Docs

Names of Controls. Open your Microsoft Visual basic software and under New Project, select Standard EXE and click Open.. Resize the Form for Calculator application appropriately and this can be done changing the width and the height property.

Chapter 8 : Download Code Advisor for Visual Basic from Official Microsoft Download Center

Notes For Visual Basic 6. 0 1 Sunil S. Trivedi Introduction to Visual Basic Visual basic is an ideal programming language for developing sophisticated professional applications for Microsoft windows.

Chapter 9 : Visual Basic Installation Guide | NotesforMSc

Start>programs>Microsoft Visual Studio >Microsoft Visual Basic It will appear on the computer screen as in the following picture. To exit from Visual Basic and return to Windows is like exit from most.