BUILDING A SIMPLE APPLICATION pdf

1: Building a Hello World application with .NET Core and C# in Visual Studio | Microsoft Docs

Building a simple server client application using C# Hello everybody! Here I am again to show you a simple, or maybe I can say the simplest way to build a server client application using C#.

Here I am again to show you a simple, or maybe I can say the simplest way to build a server client application using C. I said last time I would write a Rails code, but, promise to do that next time. But before that I will go through it step by step, trying to make things clear. Create your C application. You will need those LOC at the top. Text; 3 using System. Net; 4 using System. Start ; Step 4: Showing a message to the user is important, so: WriteLine "Server running - Port: WriteLine "Local end point: LocalEndpoint ; 4 Console. WriteLine "Waiting for connections Receive b ; 8 Console. Finally close the socket and stop the list. Close ; 2 myList. Stop ; Step 8: Similar to your server, the client will need: IO; 3 using System. Text; 5 using System. Write "Enter the string to be sent: GetStream ; Step 3: Remember that when we got the message from our client we converted from ASCII, so to send a message we sure must convert to it. GetBytes str ; 3 Console. Finally, close your TcpClient: Close ; Step 5: You now have a simple server client application. Hope you have enjoyed! Thanks for all the attention.

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2: Building a simple server client application using C# | www.enganchecubano.com:blog

The following procedure describes how to build a simple server-side ActionScript application. The example application, a corporate personnel directory, uses the NetServices object to connect to the personneldirectory server-side ActionScript. The personneldirectory server-side ActionScript retrieves.

You have now finished writing an application that can connect to the Oracle database. The following sections show how to use it. Compiling and Running the Application This section shows how to compile and run the application you created in the previous sections. To compile and run the application: From the Build menu, select Build Solution. Ensure that there are no errors reported in the output window, available from the View menu. The following graphics shows a typical output result. If there are any errors indicated, from the View menu, select Error List and fix the errors. From the Debug menu, select Start Without Debugging to run the application. This is where the application makes use of the tnsnames. Once the connection is opened, the Connect button is disabled. You have succeeded in implementing a connection to an Oracle Database instance. Description of the illustration build4. For example, if you try to log in using an incorrect password, the application you developed so far cannot establish a connection to the database, and exits with the following unhandled exception error, ORA Description of the illustration error1. Error handling manages occurrences of conditions that change the normal flow of program execution. Oracle Data Provider for. NET contains three classes for error handling and support: The OracleError class represents a warning or an error reported by Oracle. It is a simple ArrayList that holds a list of OracleErrors. NET encounters an error. Each OracleException object contains at least one OracleError object in the Error property that describes the error or warning. With this structure, the Try code is the main code, the goal that the application wants to accomplish. The Catch code catches errors of various types, as shown in the next two section. The Finally block comes last and always executes. The Finally block frequently contains the Dispose method, which closes and disposes of the connection. Having the Dispose method in the Finally block ensures that the database connection is always closed after the Try-Catch-Finally block completes. Closing database connections after the application no longer requires database access is important for many reasons, especially data security. Attempting to close a closed database connection does not cause an error. The attempt is irrelevant. Nonetheless, placing Dispose in the Finally code block guarantees that the connection is closed. The next section shows how to use Try-Catch-Finally block structure with general errors, and the section after that, with Oracle errors. To handle general errors: New code is in bold font. Ensure that there are no errors. From the Debug menu, select Start Without Debugging. Run the application again, as described in section "Compiling and Running the Application" , and attempt to connect using an incorrect password. This time, the application catches the error and displays it in a pop-up window, ORA Description of the illustration error2. The second Catch statement branch catches all other Exceptions. The first catch statement contains Case statements, which can be used to trap common database errors and display them in a user-friendly manner. Note that the second Case statement catches a specific example of OracleException, when the database is not accessible. To handle specific errors: Show "Error attempting to insert duplicate data. Show "The database is unavailable. Number Case 1 MessageBox. Dispose End Try Compile and run the application again, as described in section "Compiling and Running the Application". Note that the ORA error appears in the pop-up window as The database is unavailable with no error number provided.

3: Create First www.enganchecubano.com MVC Application

Create First www.enganchecubano.com MVC Application In this section, we will create a new MVC 5 application with Visual Studio for Web and understand the basic building blocks of a MVC Application. First of all, setup a development environment to develop an www.enganchecubano.com MVC 5 application.

Enter two or three products see Figure 5. Figure 5 â€” Entering sample data in the Products database table Creating the Model We need to create model classes to represent our database tables in our ASP. The easiest way to create the data model classes is to use an Object Relational Mapping ORM tool to generate the classes from a database automatically. In this book, we use the Microsoft Entity Framework to generate our data model classes. Select the Data category and the ADO. Name the data model ToyStoreDataModel. Figure 6 â€” Adding ADO. Complete these wizard steps: In the Choose Model Contents step, select the Generate from database option. Click the Finish button to complete the wizard. The Entity Framework has generated a class named Products that represents your Products database table. The Entity Framework simply names its entities with the same names as the database tables. Right-click the Products entity in the Entity Designer and select the menu option Rename. Provide the new name Product. Figure 9 â€” The Entity Designer At this point, we have successfully created our data model classes. The controller that is invoked by default is named the Home controller. We need to create the Home controller by following these steps: Right-click the Controllers folder and select the menu option Add Controller. In the Add Controller dialog, enter the controller name HomeController and select the option labeled Add action methods for Create, Update, and Details scenarios see Figure Click the Add button to create the new controller. Figure 10 â€” Adding a new controller The Home controller is contained in Listing 1. Listing 1 â€” ControllersHomeController. In particular, the Home controller exposes the following actions: Typically, this action is used to display a list of items. Currently, the Home controller only contains stubs for these actions. The updated Home controller is contained in Listing 2. Listing 2 â€” ControllersHomeController. We use this class to communicate with the database. The Index action has been modified to return a list of products. ToList returns a list of products from the Products database table. There are two Create actions. The first Create action displays the form for creating a new product. The form is submitted to the second Create action which actually performs the database insert of the new product. Notice that the second Create action has been modified to accept a Product parameter. The Product class has properties that correspond to each column in the underlying Products database table. Finally, the Create action calls the following methods to add the new product to the database:

4: Build a simple android application | Android | Mobile App Development | MySQL

Different types of web developers have taken to using AngularJS, an excellent framework that meets their www.enganchecubano.com a web developer, whether you are a beginner and you are trying to come up with your own simple applications or you are a professional that wants to use the best framework, AngularJS is the solution.

This step creates a dataset that is based on the Customers and Orders tables in the Northwind sample database by using the Data Source Configuration Wizard. On the Choose Your Data Connection page do one of the following: If a data connection to the Northwind sample database is available in the drop-down list, select it. If your database requires a password, select the option to include sensitive data, and then click Next. Expand the Tables node on the Choose your Database Objects page. Select the Customers and Orders tables, and then click Finish. You create data-bound controls by dragging items from the Data Sources window onto a Windows Form. To create controls to display the customer data parent records In the Data Sources window, select the Customers table, and then click the drop-down arrow. Drag the main Customers node from the Data Sources window onto Form1. Data-bound controls with descriptive labels appear on the form. The following components appear in the component tray: The typed dataset that contains the Customers and Orders tables. The BindingNavigator that is used for traversing the records in the Customers table. For more information, see TableAdapter Overview. For more information, see TableAdapterManager Overview. Creating Controls to Display Data from the Orders Table To create controls to display the orders for each customer child records In the Data Sources window, expand the Customers node and select the last column in the Customers table, which is an expandable Orders node beneath the Fax column, and drag it onto the bottom of Form1. This node in the Customers table hierarchy represents the related orders for a customer, as opposed to the main Orders node, which represents all records in the Orders table and not the orders for an individual customer. Inspect the DataSource and DataMember properties to see how data binding is configured to display related records. To test the application Press F5. Select different customers to verify that the correct orders are displayed in the grid on the form. Modify one or more records. Click the Save button the disk icon. Verify that the changes were saved to the database. Next Steps Depending on your application requirements, there are several steps you may want to perform after creating a master-detail form. Some enhancements you could make to this walkthrough include: Editing the query that loads data into the application with the TableAdapter wizards. For more information, see How to: Edit TableAdapter Queries , and How to: Adding validation to verify the correct data is being entered before sending changes to the database. For more information, see Validating Data.

5: Walkthrough: Creating a Simple Data Application

The application you build in this chapter serves as a starting point for work in subsequent chapters, so it is important to follow the order of this guide. NOTE: When necessary, instructions specify Visual C# or Visual Basic.

Build a Visual Basic Hello World application with. Visual Studio provides a full-featured development environment for building. NET Core targets and on any system that has. Prerequisites Visual Studio with the ". NET Core cross-platform development" workload installed. You can develop your app with. Launch Visual Studio Then select the Console App. NET Core project template. In the Name text box, type "HelloWorld". Select the OK button. Visual Studio uses the template to create your project. The Visual Basic Console Application template for. NET Core automatically defines a class, Program, with a single method, Main, that takes a String array as an argument. Any command-line arguments supplied when the application is launched are available in the args array. The template creates a simple "Hello World" application. It calls the Console. WriteLine String method to display the literal string "Hello World! By selecting the HelloWorld button with the green arrow on the toolbar, you can run the program in Debug mode. If you do, the console window is visible for only a brief time interval before it closes. This occurs because the Main method terminates and the application ends as soon as the single statement in the Main method executes. To cause the application to pause before it closes the console window, add the following code immediately after the call to the Console. Write "Press any key to continue ReadKey true This code prompts the user to press any key and then pauses the program until a key is pressed. Run the program by selecting the HelloWorld button with the green arrow on the toolbar. Press any key to close the console window. Enhancing the Hello World application Enhance your application to prompt the user for his or her name and to display it along with the date and time. To modify and test the program, do the following: Enter the following Visual Basic code in the code window immediately after the opening bracket that follows the Sub Main args As String line and before the first closing bracket: ReadKey True This code replaces the existing Console. Write , and Console. This code displays "What is your name? It stores this string into a variable named name. It also retrieves the value of the DateTime. Now property, which contains the current local time, and assigns it to a variable named currentDate. Finally, it uses an interpolated string to display these values in the console window. Respond to the prompt by entering a name and pressing the Enter key. To develop a professional application, take some additional steps to make your application ready for release: For information on developing and publishing a distributable version of your application, see Publishing your C Hello World application with Visual Studio

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6: ColdFusion Help | Building a simple application

In choosing a test application to build using RxJS, I decided to build a simple UI for displaying sample scores for baseball games. I created four files to get the job doneâ€”an HTML file for display, a JS file where most of our work will be done, and two JSON files that will hold 10 sample baseball scores for two different days.

You can import inventory tracking, project management, CRM, and other app templates, and customize them as you want. And if you want to make your app a bit smarter, you can add formulas and logic flows from simple drop-down menus that let you code without typing in any text. Custom pricing available upon request Skill Level: Beginnerâ€”very easy to use, with templates and spreadsheet imports For a deeper look at features and pricing, see our TrackVia review. Then, Knack does the rest of the work for you. Click the form button to add a form, for instance, and Knack will ask you to select a database object and then will automatically create a form that includes all of the fields you already added. You can use them to sort data, verify it, send notifications about new entries, and more. Beginnerâ€”quite easy to use, though you will need to think more about your database For a deeper look at features and pricing, see our Knack review. Zengine starts right at the basic, having you build forms for your app that it then turns into a database. Then, each form entry will include tasks and events, which you can then view together from all of your apps on the Zengine dashboard for a simple way to make sure you never forget anything urgent, no matter how many apps you add to your account. Beginnerâ€”easy to use, with advanced features for power users. For a deeper look at features and pricing, see our Zengine review. Podio might be the best option for you. And, it also includes hundreds of pre-made apps to manage everythingâ€”project, accounting, marketing, news, files, and so much moreâ€—along with a simple app builder to make anything you want. You can install a tool from the Podio App Market and tweak it for your needs, or make your own internal tool by dragging in simple form fields. Then, your team can add data from the form, organize it in tables, boards, lists and more, have data automatically added to apps via RSS, email, Podio Extensions or from other apps via Zapier. Beginnerâ€—simple to use, but needs to be used with other Podio apps to get most benefit For a deeper look at features and pricing, see our Podio review. Then, you can visualize your items in table, calendar, card, or kanban views, or download individual records in PDF format. And to keep your team working together, you can assign database entries to anyone on your team so nothing gets forgotten. Beginnerâ€—easy to get started with pre-made solutions or form builder For a deeper look at features and pricing, see our Transpose review. Airtable is a new online database tool that feels much like using any standard spreadsheet appâ€—albeit a spreadsheet with far more features. You can just list data in rows and columns, and quickly calculate sums. Then, you can add photos, filter your data, and more. And for even more power, you can reference data from other tables, letting you link entries and build powerful databases without ever getting outside your spreadsheet comfort zone. Even making a form to let others enter data into your app is simple, as Airtable will automatically generate forms with appropriate fields for each of the columns in your table that you can customize as you want. Each of these actions can be hand-coded, or you can click buttons to add the code directly and then tweak it yourself. Zoho Creator can still be a simple app for building internal toolsâ€—you could just make forms and use its pre-made views to quickly put together your own toolâ€—but it can also let you make much more advanced tools if you want to dig a little deeper. Intermediateâ€—easy to get started using, but scripting will take more effort For a deeper look at features and pricing, see our Zoho Creator review. You can set exactly what everyone on your team is allowed to see, add, and change, and then get QuickBase to do the heavy lifting with workflows that can automatically move and update data, and more. But a form can be the first part of a series of apps that, together, can help you do a lot more. You could even use Zapier to connect a form to a MySQL database, sending each new entry into the database. You can make new pages in your spreadsheet that let you visualize your data in charts and graphs, sort it with Pivot Tables, and use the simple filter and search tools to organize your data. And if you want to do anything else with your appsâ€—send email notifications, publish blog posts, etc. Free, plus form plugin and hosting costs Skill Level: Advancedâ€—easy to make a basic form, but accessing the database will take more work For a deeper look at features and pricing, see our WordPress review , then check our Gravity Forms review for info about a compatible form plugin. If you use a Windows PC for your work, and already have Microsoft Office, you can start making your own internal tools for no extra cost. Put Your New Internal Tool to Work "Although I have never written a line of code in my life I was able, with the video tutorials, to build a decent database and interfaces. Your database builder may include features to send notifications and perhaps will let you import data from a spreadsheet or other services. For everything else, you can connect your internal tool to Zapier and give it features from the hundreds of apps Zapier supports. Send Notifications Your new internal tool may be able to send email notifications when new data is added, but after that it hits a brick wall. Notifications about everything that happens in your internal tool might get tedious, but with filters in your Zapier integrations and workflow automations in your own app, you can get just the notifications you want. And, you can get them where you wantâ€”in your team chat app, via SMS or push notification, or even in a more customized email. And, you can send notifications to your clients, contacts, and others that are important to your business from your internal tool if you want. The Web Gumption team, for instance, sends text messages to their clients with lead information directly from their Knack-powered tool. Personalized features like that can surprise and delight your customers, as Web Gumption found out. The best thing about your new internal tool is that you can update data in your database through Zapier, so you can use that to keep collecting more data automatically. His clients will add email addresses to the Knack form, and a Zapier integration will then send a FluidSurveys invite to each of those contacts. Instead of worrying about customizing another tool, you can add fields for just the things you need to track, and make the workflow optimized for your team. And then, you can optimize it for others, too. Your data might be elsewhere: Either way, you can connect them all to your new app with Zapier, to manage all of your data in one place. Manage Finances Finances are one of the most importantâ€”and annoyingâ€—things to manage. Using Zapier, every new sale and its related data from PayPal is stored in Knack. Then, once a week, Knack notifies his accountant about the new fees. Whenever a new customer is added to their TrackVia database, Zapier creates a new client in Freshbooks automatically. Once that client pays, Zapier sends the Freshbooks info back over to TrackVia. Your own accounting needs may be different. Either way, you can connect your finance apps to your new internal tool and keep everything flowing smoothly. The only problem was, the tasks started getting overwhelming. Either way, a Zapier connection can keep things flowing and help you stay on top of what you have to do without overwhelming you with notifications. Create Documents Believe it or not, you can use your database-powered internal tool to create contracts, certificates, licenses, letters and any other form documents your team needs. The Zapier filter functions enable me to create some fairly complex routing rules, very easily. Go Learn Something New! The Zapier team has written an entire library of app guides and resources to help you get the most out of the apps you need in your work. Here are some of our most popular eBooks that you can start reading next for free:

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7: Building a Simple .NET Application Using www.enganchecubano.com

Part 2 of the series. In this video we complete the User (staff) managment forms. One highlight of this video is the use of the Visual FoxPro Debugger. Visit.

Build a C Hello World application with. Visual Studio provides a full-featured development environment for building. NET Core targets and on any system that has. Prerequisites Visual Studio with the ". NET Core cross-platform development" workload installed. You can develop your app with either. For more information, see the Prerequisites for. NET Core on Windows topic. Launch Visual Studio Then select the Console App. NET Core project template. In the Name text box, type "HelloWorld". Select the OK button. Visual Studio uses the template to create your project. The C Console Application template for. NET Core automatically defines a class, Program, with a single method, Main, that takes a String array as an argument. Any command-line arguments supplied when the application is launched are available in the args array. The template creates a simple "Hello World" application. It calls the Console. WriteLine String method to display the literal string "Hello World! By selecting the HelloWorld button with the green arrow on the toolbar, you can run the program in Debug mode. If you do, the console window is visible for only a brief time interval before it closes. This occurs because the Main method terminates and the application ends as soon as the single statement in the Main method executes. To cause the application to pause before it closes the console window, add the following code immediately after the call to the Console. Write "Press any key to continue ReadKey true ; This code prompts the user to press any key and then pauses the program until a key is pressed. Run the program by selecting the HelloWorld button with the green arrow on the toolbar. Press any key to close the console window. Enhancing the Hello World application Enhance your application to prompt the user for their name and display it along with the date and time. To modify and test the program, do the following: Enter the following C code in the code window immediately after the opening bracket that follows the static void Main string[] args line and before the first closing bracket: ReadKey true ; This code replaces the existing Console. Write , and Console. This code displays "What is your name? It stores this string into a variable named name. It also retrieves the value of the DateTime. Now property, which contains the current local time, and assigns it to a variable named date. Finally, it uses an interpolated string to display these values in the console window. Respond to the prompt by entering a name and pressing the Enter key. To develop a professional application, take some additional steps to make your application ready for release: For information on developing and publishing a distributable version of your application, see Publishing your C Hello World application with Visual Studio Related topics Instead of a console application, you can also build a class library with. For a step-by-step introduction, see Building a class library with C and. You can also develop a.

8: Chapter 2 â€“ Building a Simple www.enganchecubano.com MVC Application | Stephen Walther

Visual Basic is one of the Microsoft core languages for building desktop, mobile, and web applications. Get started programming with VB using Visual Studio Express for Windows Desktop and.

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