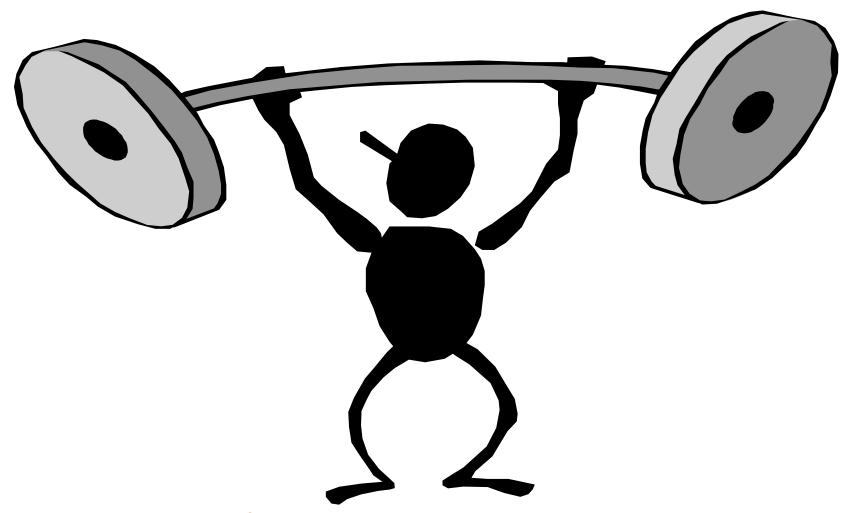


IT Auditing for non-IT Auditors

Stephen W. Minder, CEO YCN Group, LLC



Can mon IT Wediton milit IT?



 ${\hbox{$\mathbb C$}}$ Copyright 2012 by YCN Group, LLC - All Rights Reserved

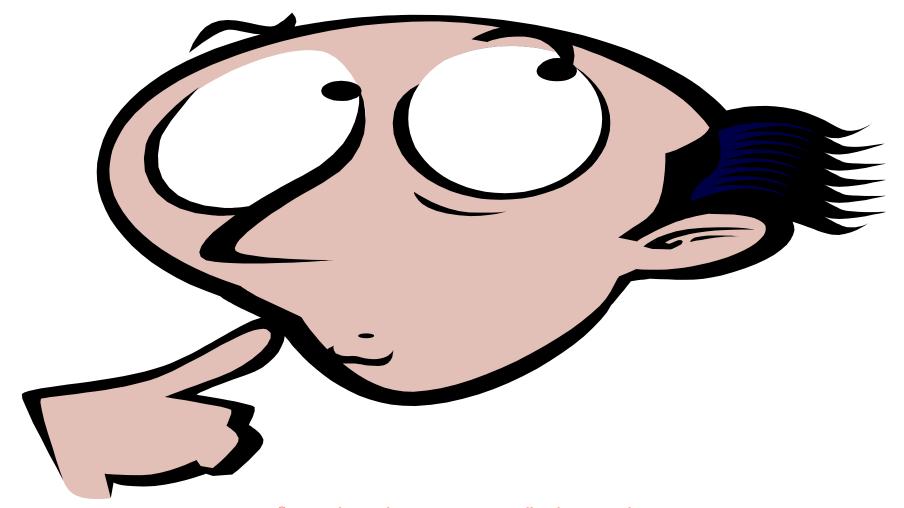


Learning the Language

- The Acronym ABC's of Information Technology
- *Really "IT Risk"



Top Secret - Your Eyes Only!



 ${\hbox{\fontfamily{\cite{Copyright}}}}\ 2012$ by YCN Group, LLC - All Rights Reserved



AGENDA

- ☐ Understanding the Blueprint
- Navigating the Technology
- ☐ Testing What We Can Test
- □ Communicating Results



Understanding the Blueprint



 $\ensuremath{^{\odot}}$ Copyright 2012 by YCN Group, LLC - All Rights Reserved

ENVIRONMENT



FILES N OR OFFISION

 $\ensuremath{\mathbb{C}}$ Copyright 2012 by YCN Group, LLC - All Rights Reserved



Navigating the Technology



 $\ensuremath{^{\odot}}$ Copyright 2012 by YCN Group, LLC - All Rights Reserved



Technology

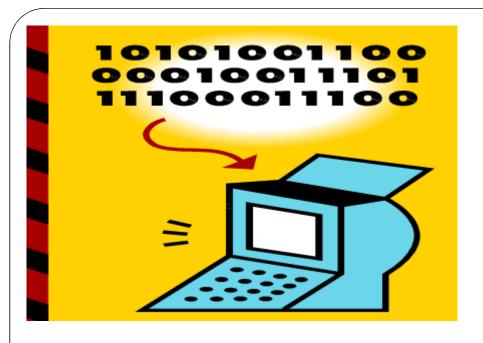
- > SQL (Structured Query Language)
- Modern Programming Language
- Other
 - ODBC (Open Database Connectivity) Drivers
 - Utilities



Testing What We Can Test



 $\ensuremath{^{\odot}}$ Copyright 2012 by YCN Group, LLC - All Rights Reserved

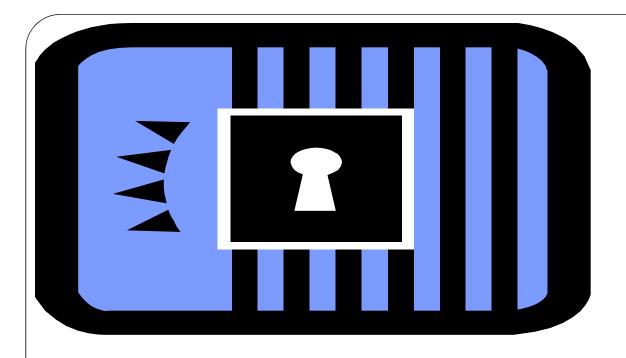




Program Change Control

- Authorization
- Segregation
- Documentation
- Safeguards



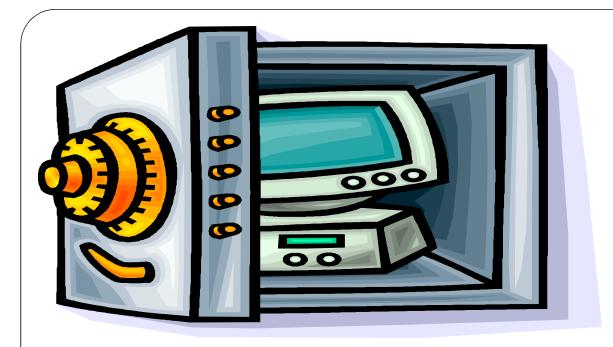




Logical Access Control

- Authorization
- Least Possible Privilege
- Vital Updates

- Terminations
- Re-Hires
- Job Changes

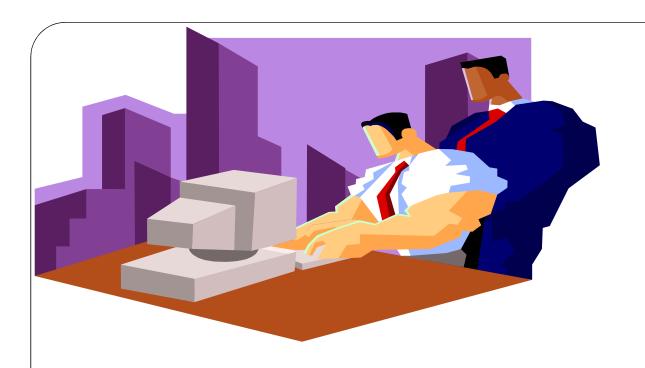




Protecting Files

- Physical Access
- Logical Access
- Backup
- Monitoring
- Exception F/U







Processing Controls

I. Specifications

II. Testing

1. Data Integrity

2. Correctness

III. Safeguards

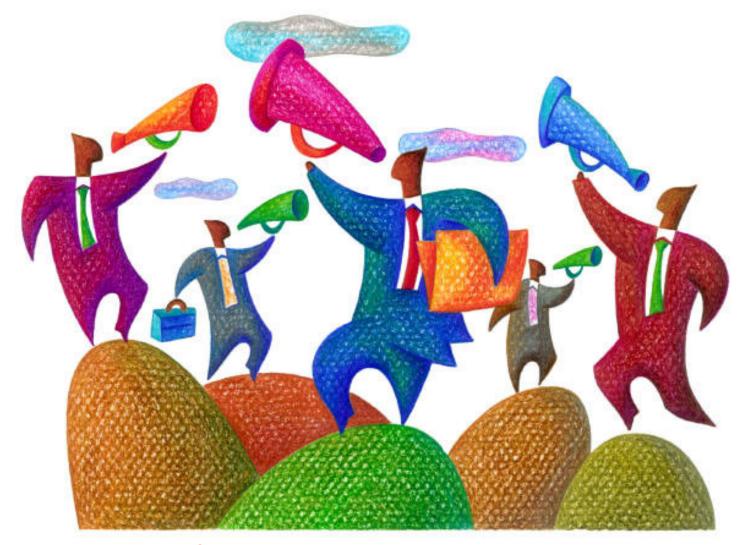
1. Edits

2. Limits

3. Validation

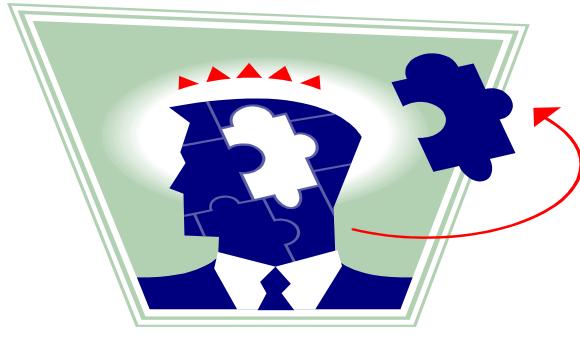


Communicating Results



 $^{\hbox{\scriptsize @}}$ Copyright 2012 by YCN Group, LLC - All Rights Reserved

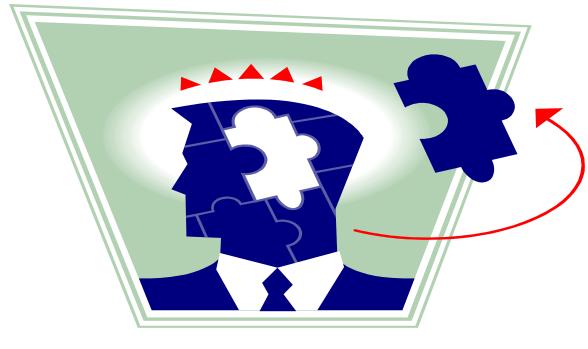




Talk to Technology Professionals

- Explain <u>Business</u> Risks
- Relate to the **Business** Risk
- Describe IT impact on <u>Business</u>
- Understanding <u>Business</u> Issues
- Transparency





Talk to
Business
Professionals

- Explain Business Risks
- Relate to <u>IT</u> influences
- Business Description of <u>IT</u>
- Describe <u>IT</u> Issues
- Transparency







Required Emphasis for Discussion

⇒Throw away the "IT Mystique"

Stick to the Facts

⇒Focus on Risks and Opportunities







Build Consensus

- 1. Business Unit Mgmt
- 2. Senior Management
- 3. System Owners
- 4. IT



- 5. Stakeholders
- 6. Legal
- 7. Security
- 8. Audit





QUESTIONS?









Search w3schools.com

Search

HOME HTML CSS JAVASCRIPT JQUERY XML ASP.NET PHP SQL MORE... REFERENCES | EXAMPLES | FORUM | ABOUT

W3SCHOOLS BOOKS

New Books: HTML, CSS JavaScript, and Ajax Ally Raise Your Rate 2-Year CD

ANNUAL PERCENTAGE YIELD

Next Chapter »

learn more

SQL Basic

SQL HOME

5OL Intro

SQL Syntax

50L Select

SQL Distinct

50L Where

50L And & Or

SQL Order By

50L Insert

SQL Update

50L Delete

SQL Demo

5QL Try It

SQL Tutorial

SQL

« W3Schools Home

SQL is a standard language for accessing databases.

Our SQL tutorial will teach you how to use SQL to access and manipulate data in:

MySQL, SQL Server, Access, Oracle, Sybase, DB2, and other database systems.

w3schools.com on Facebook



WEB HOSTING

Best Web Hosting

PHP MySQL Hosting

UK Reseller Hosting

Cloud Hosting

Top Web Hosting

\$3.98 Unlimited Hosting

250+ Hosting Apps



SQL Basic

SQL HOME SQL Intro

SQL Syntax

SQL Select SQL Distinct

SQL Where

SQL And & Or

SQL Order By SOL Insert

SQL Update

SQL Delete

SQL Demo

SQL Try It

SQL Advanced

SQL Top SQL Like

SQL Wildcards

SOL In

SQL Between

SQL Alias SQL Joins

SQL Inner Join

SOL Left Join

SQL Right Join

SQL Full Join

SQL Union

SQL Select Into

SOL Create DB

SQL Create Table

SQL Constraints

SQL Not Null

SQL Unique

SQL Primary Key

SQL Foreign Key

SQL Check

SQL Default

SQL Create Index

SQL Drop

SQL Alter

SQL Increment

SOL Views

SQL Dates

SQL Nulls

SQL isnull()

SQL Data Types

SQL Functions

SQL Functions

SQL Quick Reference From W3Schools

Next Chapter » « Previous

SQL Statement	Syntax
AND / OR	SELECT column_name(s) FROM table_name WHERE condition AND OR condition
ALTER TABLE	ALTER TABLE table_name ADD column_name datatype or ALTER TABLE table_name DROP COLUMN column_name
AS (alias)	SELECT column_name AS column_alias FROM table_name or SELECT column_name FROM table_name AS table_alias
BETWEEN	SELECT column_name(s) FROM table_name WHERE column_name BETWEEN value1 AND value2
CREATE DATABASE	CREATE DATABASE database_name
CREATE TABLE	CREATE TABLE table_name (column_name1 data_type, column_name2 data_type, column_name2 data_type,)
CREATE INDEX	CREATE INDEX index_name ON table_name (column_name) or CREATE UNIQUE INDEX index_name ON table_name (column_name)
CREATE VIEW	CREATE VIEW view_name AS SELECT column_name(s) FROM table_name WHERE condition

w3schools.com on Facebook

Like <5.7k

WEB HOSTING

Best Web Hosting

PHP MySQL Hosting

UK Reseller Hosting

Cloud Hosting

Top Web Hosting

\$3.98 Unlimited Hosting

250+ Hosting Apps

WEB BUILDING

XML Editor - Free Trial!

FREE Website BUILDER

FREE Website Creator

Easy Form Builder

W3SCHOOLS EXAMS

Get Certified in: HTML, CSS, JavaScript, jQuery, XML, PHP, ASP

W3SCHOOLS BOOKS

New Books: HTML, CSS JavaScript, and Ajax

STATISTICS

Browser Statistics Browser OS Browser Display

SHARE THIS PAGE











Search MSDN with Bing

Q

- MSDN Library
- † Development Tools and Languages
- † Visual Studio 2012
- 1 Visual Basic and Visual C#
- ↑ Visual C#

C# Reference

- C# Keywords
- C# Operators
 - ··· C# Preprocessor Directives
- C# Compiler Options
- C# Compiler Errors
- C# Language Specification

C# Reference

Visual Studio 2012 Other Versions ▼ 3 out of 5 rated this helpful - Rate this topic

This section provides reference material about C# keywords, operators, compiler errors, and warnings.

■ In This Section

C# Keywords

Provides links to information about C# keywords and syntax.

C# Operators

Provides links to information about C# operators and syntax.

C# Preprocessor Directives

Provides links to information about compiler commands for embedding in C# source code.

C# Compiler Options

Includes information about compiler options and how to use them.

C# Compiler Errors

Includes code snippets that demonstrate the cause and correction of C# compiler errors and warnings.

C# Language Specification

Provides pointers to the latest version of the C# Language Specification in Microsoft Word format.

문급 Office



beta HOME MY OFFICE PRODUCTS SUPPORT IMAGES TEMPLATES STORE

Search all of Office.com



Overview of connecting to (importing) data

This reference article discusses importing and connecting data. You will learn about tasks like importing, updating, securing, and managing data.

In this article

- Working with external data connections
 - Understanding the basics of data connections
 - Finding connections
 - Editing connection properties
 - Managing connections
 - Sharing connections
 - Using external data ranges and properties
 - Understanding data source support in Excel and Excel Services
 - Understanding Microsoft Data Access Components
 - Using ODBC to connect to data sources
- Refreshing data
- Importing data from data sources
 - Importing data from an Access database
 - ↓ Importing data from the Web
 - ↓ Importing text files
 - ↓ Importing data from Microsoft SQL Server





How to hack, For Beginners

This is a simple SQL injection technique for **beginners**HD 3 years ago • 177,173 views
by Eman01996



Cool hacking tricks for noobs and beginner part 1 (by Piyush) www.hackingbuddy.in

once chrome.bat file is made (shown in the video),u can try the alternati...

HD 1 year ago • 92,004 views
by hackerajax



Hacking - Collecting Network Information - For Beginners

HD 1 year ago • 12,370 views by Raventattoo



Introduction to Hacking

Info Level: **Beginner** Presenter: Eli the **Computer** Guy Date Created: ... 1 year ago • 354,238 views by elithecomputerguy



HACKING FOR BEGINNERS: How to unlock a secret PC wallpaper

You might have to be on an admin account to do this. Here is the code ... 1 year ago • 1,210 views by nothinglol420