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WordEngineering

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A thesis submitted for the degree of Doctor of Philosophy in the Faculty of Science.

Abstract

Thesis Statement: This dissertation introduces [AlphabetSequence](#) (2 Contributes 30-3-38). The AlphabetSequenceIndex is the result of a pure function to sum alphabet places [AlphabetSequence](#). The AlphabetSequenceIndexScriptureReference are the offsets from the beginning and the ending of the Scripture. The AlphabetSequenceIndexScriptureReference consists of four parts, there are two references each to particular chapters and verses. The first mention is the forward verse, which the author calculates by determining the AlphabetSequenceIndex verse in the Bible. The second mention is the forward chapter, and this the author calculates as before, but by substituting the verse with the chapter. Both the backward chapter and backward verse are the corresponding, anticlockwise places.

8/21/2025, 6:37 PM

Principle 8: Design Around Constraints

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- Index

Database databases offer the ability to set constraints.

- Data type
- Nullable
- Primary key and unique index
- Foreign key

Principle 9: High the Price and Cost

Data import...data input: Initially, the author created an XML file and imported it into database tables via a C# program application. When this process malfunctioned, the author suspended his work. The author resumed work by doing data input via Microsoft SQL Server Management Studio grids. This diversion did not require database changes, achieving separation of concerns.

The use of non-supported bandwidth as a responsive web design.

(Humberto Cervantes, Rick Kacian June 2, 2024).

Hitachi Modern Data Infrastructure Dynamics Drowning in Data: A Guide to Surviving the Data-Driven Decade Ahead

Microsoft SQL Server offers the capability to cut off the size of the result set. The GetBlogInfo.html gets minute data from the various database tables and views. The user may be given the opportunity to customize which results to retrieve, for example, AlphabetSequence, Bibliotford, Hatford, or Dictionary. A Iterate person may not need as much data. Setting this restriction will be concise queries.

An approach is to offload computing to the local host.

(Hitachi 2023).

Database Performance

- Query optimization: Server-side database processing offers the best performance scenario. The use of stored procedures and functions is recommended. The hold backs are their deployments and SQL variances. Prepared statements are fast, resource lenient, cached, and they prevent SQL injection attacks. The author falls back on dynamic SQL for complex queries.
- Indexing: The author is well aware of the pros of indexing, but its cons include additional space and effort. The less performant productive database objects are keys and constraints.
- Data Modeling: Normalization
 1. First Normal Form (1NF): A relation meets this rule when each attribute has only one value. Another condition is that all the attribute values are atomic and non-composite. In the Hatford table there may be multiple contacts, but only the most prominent contact is recorded. A contact must be first created in the Contact table, prior to its referencing, its safety is referential integrity constraint. The author does abide with 1NF in the Hatford table. The URI column may contain multiple e-mail addresses. The scripture reference column may not be a unit.
 2. Second Normal Form (2NF): The ActToGad table does not comply with this rule, since its Minor column is functionally dependent on its Major column. Computed columns minimize the potential for this.

(Craig Mullins, 2023-12-18)

Database Management System (DBMS)

There are 2 types of DBMS. These are:

- Shared file-based: For example, Microsoft Access
- Client/Server: For example, Oracle, SQL Server, MySQL

SQL Usage

Database Information

| Statement | Commentary |
|----------------------|----------------------------------------------------------------------------------------------|
| sp_server_info | The database version is Microsoft SQL Server 2019 - 15.0.2109.1 |
| sp_databases | The sole work of the author, the WordEngineering database size, is currently 35317504 bytes. |
| sp_spaceused | The WordEngineering database currently uses 32536.63 MB. |
| sp_statistic History | The cardinality of the Hatford table is 114243. |

SQL Statement

| Statement | Commentary |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Select | The select statement for data retrieval is the most popular statement: <u>Just select avoids</u> in Bible, Scripture, View. Using the select statement is safe, but it may impact performance. An alternate replication target repository may serve queries. |
| Insert, Update, Delete | The insert, update and delete statements are for data maintenance. |

Where Clause Operators

| Operator | Commentary |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| =, <, >, <=, >=, <<=, >>=, >> | The operators listed will check for a single value. The operators that consist of !=, will check for non-matches. <u>In most cases, equals is this is safe.</u> <= or/and >> <u>This is the first time - he is becoming aware - of these expressions. This is the first time - he is becoming aware - of these operators. Operator for a date at</u> |
| BETWEEN | <u>USUALLY WILL BE USED IN A WHERE CLAUSE</u> This is a range check that accepts a beginning and ending value. It is not highly used. |
| NULL | No value |
| IN | A comma-delimited list of valid options within parentheses. |
| LIKE | Wildcard filtering |

(Ben Forns, 2017)

Database Scaling

- The transition to computed columns results in smaller storage requirements.
- Microsoft SQL Server supports multiple databases; therefore, reducing archive needs.
- Normalization, object-to-relational mapping, is tight knit.

Database Exclusivity

Row Limit

| Title | Commentary |
|--------------|-------------------------------------------------------------------------------------------------------------------------|
| TOP | Set a limit of the number of rows returned or a percentage of the rows from the source. |
| SET ROWCOUNT | The database will retrieve all the rows, but if there are excessive rows it will later <u>look to be updated rows</u> . |

Where Clause

| Title | Commentary |
|--------------------------------------------------------|-----------------------------------------|
| Like wildcard | Preceding or following restriction %n% |
| Check for NULL | IS NULL versus (VS) IS NOT NULL |
| Between range check | Lower and upper limits |
| Logical comparison | <, >, <=, >=, <<=, >>= |
| Table join supersedes the previous column key equal to | FROM table join primary and foreign key |

Select Clause

The select clause may explicitly include a column list. Pre-compiled statements that implicitly cater for all the source columns, may not be up-to-date on the column-id.

Group By Clause

The group by statement is not for detail listing, except when it is used to regress to the distinct clause. Group by supports statistics, such as, count, sum, min, max, avg.

Having By Clause

The having clause augments the group by clause. It places restriction on the group(s) returned.

Insert Statement

Inserts give room to omit the default columns. The Identity Insert statement also grants explicit entry of its identity column.

Nullable Column

Information unknown is useful for forwarding processing, until and if the information is added. Outer Join stands for this purpose.

View

Enhances tables by compacting and/or extending the information set.

Constraint

Primary and foreign keys, unique indexes and check constraints.

Data Cleansing

- Is the source of bad data input internal, on-line users, or error in programming? He doesn't envision error in reference data.
- Does the vendor have data definition language (DDL) to pre-empt data corruption?
 - Data type and size: String, numeric, date, logic, boolean?
 - Not nullable? Can not be empty?
 - Range check: Expense must be greater than zero? Dates of activities must be after the establishment creation date.
 - Check constraints, for schedule, ideal from most precise dated units.
 - Non-nullable primary and foreign keys with unique indexes help to ascertain data.
 - Default columns are probable system generated that the users may leave unfilled that are available from sequence, identity, system clock.
- Is the data incomplete, such as abbreviation, for example CA or California, telephone numbers without country or area code?
- Is it a data manipulation language (DML) readiness, management of data modification? Transaction commit or rollback? Cascade?
- Duplicate entries are solvable by using the group by clause.

The author prescribes the steps below to begin database set-up and usage

1. Acquire a database management system (DBMS). Various varieties of DBMS are available. The user may download a DBMS, get a compact disc, or select from the cloud.
2. Install a DBMS.
3. Decide on a user interface for managing the database. For Microsoft SQL Server, the choices include the SQLCmd console utility or the SQL Server Management Studio or Azure Data Studio.
4. Create database. Microsoft SQL Server supports multiple instances and databases.
5. The data definition language (DDL) includes the commands to create, alter, or delete tables, views, primary and foreign keys, indexes, constraints and defaults.
6. The data manipulation language (DML) are commands to insert, update, and delete the database rows and columns, with the option to use the where clause.
7. The SQL Server maintenance plan is for database housekeeping, for example, backup, restore, and re-organization.
8. Stored-procedures, triggers, and functions are programmable logic.

Indexing

The author manually indexes according to the following progression:

- The URI database is separable into the following tables:
 - URICloud
 - URIEntertainment
 - URIScripture
 - URIBibleEngineering
- The Sacrament table is for scripture reference.
- The Exact table is an index of the words in the King James Version (KJV) of the Bible.
- The source of information is in the bibliography section.

(Search engine indexing)

Structured Query Language (SQL)

Set theory

The set we will mostly deal with is the Hatford table. It is in order of sources.

Predicate logic

The removal of SQL Server integral datatype limits.

(Rick Ren-Gan, 2023-07-03)

GitHub

The Author Uses the Git Code Repository

| Key | Value | Commentary |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Universal Resource Identifier (URI) | https://github.com/kenandjen/ | This is the home page for storing the repositories. |
| Date Created | 2013-04-27 | This is the date of creating the github.com account. |
| Version | git version 2.29.2.windows.3 | The git --version command offers the release detail. The author is not sufficiently knowledgeable on tracking the version update. |
| Configuration Profile | git config --list | The commands below will set the profile: git config --global user.name "your-name" git config --global user.email "your-email" |
| Change Tracking | git status | This will decide the differences between your local copy and the version control code repository. |
| Add Updates | git add | The git add - command will add all the updates, or the user may add particular directories and files. |
| gitHub.com WordEngineering repository file | MD WordEngineering CD WordEngineering git cmd git clone https://github.com/kenandjen/WordEngineering git remote -v git remote set-url origin git@github.com:kenandjen/WordEngineering git git remote -v | |

Accessibility

- Image elements have alt attributes, so that the reader may perceive what it shows
- The software offers the option to generate an image in the .png format.
- The author does not duplicate hyperlinks
- The user may easily use the keyboard navigation to tabs between the various controls, this substitutes for the taborder attribute. The autofocus attribute is for setting the cursor on the first input control.

Programming

The Author Programs in the Following Tiers and Languages

| Tier | Language | Commentary |
|-------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Front-End Browser | HyperText Markup Language (HTML), JavaScript, Cascading Style Sheet (CSS) | The front-end code may run on a desktop, laptop, or mobile telephone that offers a user interface (UI). The task is to accept the user query and to display the result. Initially, as a novice programmer, the author wrote specific code for each user request. Later, the author reads on generic code which will handle multiple variety of requests. This is high-level programming, and the skill-set entry level is minimal. The author also believes that the users should not require any formal training to use his work. Customization is achievable by varying the request options, such as entry from selections, query arguments, or data attributes. |
| Middle-Tier Application | C#, Embedded-SQL | For backward compatibility, the author does not envision moving away from his legacy code investment in Microsoft. The only shift is positioning code away from database inconsistencies in back-end residency. To code, compile, debug, deploy, the experience of the author is with Microsoft Visual Studio and command-line tools. |
| Server-Side Backend | Standard Query Language (SQL) | The author most recent experience is with the Sybase and Microsoft Transact-SQL assortment. Now a days, to be compatible and after experimentation; the author rarely uses Standard Query Language - Common Language Runtime (SQL-CLR). The author does database data entry, maintenance, development for using the Microsoft SQL Server Management Studio. |

JavaScript Basics: Data Types

| | |
|--------------------------|---|
| • Title | 1 |
| • Abstract | 1 |
| • Introduction | 1 |
| • Thesis | 1 |
| • Results and Discussion | 1 |
| • Conclusion | 1 |
| • References | 1 |
| • Appendix | 1 |
| • Bibliography | 1 |
| • Glossary | 1 |
| • Index | 1 |

- JavaScript supports three keywords for declaring variables. These are the var, let, const keywords.
- From its pre-conception, JavaScript supported the var keyword, where the author does not present a variable initialization with the keyword, then the variable will have global scope. The author averts from variable hoisting. Variable definition with the var keyword is re-usable. The strict mode is a later addition to JavaScript that helps in enforcing variable rules.
- For one-time definitions, such as, issuing the document.getElementById() command, the author relies on the const keyword.
- Unlike some typed languages, JavaScript does not support explicitly specifying the type of a variable.
- JavaScript string comparisons are by default case-sensitive.

Functions and Methods

- Methods are functions that are referencable from a class. Method support object orientation by offering encapsulation, inheritance, polymorphism. The author uses functions when placing localizable code inside the script section of a HTML file; otherwise, generalized methods are referencable from a JavaScript library.
- JavaScript treats functions as first-class objects, and they are passable as variables. This distinction features is rarely necessary.
- JavaScript does not support method overloading. The earlier arguments array variable and the later parameter default initialization supplements.
- The author consistently uses anonymous functions for processing the success and error returns when using jQuery to access web services.

Conditions

- The author emulates the Microsoft ASP.NET Page.IsPostBack property check, and when it is not so, parse the query arguments; otherwise, skip the parsing and proceed to page submission.

Arrays and Loops

- For displaying the Bible book titles, the 66 books are in a JavaScript iterable array. This reduces the data load from the server to client, and, it offers spelling flexibility. The select options resemble similar customization.

HyperText Markup Language (HTML) Document

- The DOCTYPE is the first declaration in an HTML document, and it is the conformation standard specification.
- The html tag is the root and the container for all the other tags.
- The head tag contains the title and the meta tags for the search engine optimization (SEO). The various documents will indicate the cascading style sheet (CSS) directive.
- The body tag contains the visible content of the document. Its resultSet or resultTable div will contain the particular details that the program generates.

(Microsoft)

Data Science

What is data?

- The data that the author fundamentally operates on is the word from God. The initial and primary data is textual, but now the author places importance on dates and numbers.
- How should you do with a number? Even though the Hebrew language is AlphaNumeric, the numbers in the Bible are in words ([Leviticus 19:24](#)). When the author receives a number, he records it in the Hallowell's table, Word column, as a numeral.
- 1. The author extracts knowledge from data; by finding meaning to the word.
- 2. The author uses scientific methods such as counting the number of occurrences, determining the first and last occurrences, and excluding the parts of speech.
- 3. The actionable insights take, so far, is to computerize the work.
- 4. The vast majority of the work is structured data. Unstructured data does not fit into the background of the author.
- 5. The application domain is Bible studies; how relevant is the Bible to our work?

Practicing Data Science

1. Empirical, find implication from the Bible?
2. Theoretical, to determine a better way to doing work?
3. Computational, is human labor replaceable?
4. Data-Driven, constraints help us to sanitize data. Default values reduces task, one less error prone, brings arrangement.

Where to get Data

1. The Bible is our primary source of data.
2. The author researchs information sources. This is either a person or media?

What you can do with Data

1. Data Acquisition: The Bible is available on the Microsoft Access database.
2. Data Storage: The author imports the tabular data into the Microsoft SQL Server relational database.
3. Data Processing: The SQL Select statement is the means of retrieving data from the database. This is not always a monolithic fashion; since there are various ways of composing the queries.
4. Visualization / Human Insights:
 - The raw data is available on the Microsoft SQL Server Management Studio.
 - The web service, asmx file, which is accessible from the browser, offers the opportunity to fill-in the query and use the JSON result.
 - The .Jhtml presents the result in a human readable format.

Defining Data

1. Quantitative Data: This makes itself subjective to numeric computation. AlphabetSequence is an attempt to give value to words.
2. Qualitative Data: These are rarely measurable and are personal interpretation.

A brief introduction to Statistics and Probability

At the beginning of the study, the author made a presumption that words are unique. Later the author found out that there are duplicate Bible verses.

(Microsoft)

Data

Structured and Unstructured

Structured data is alphanumeric put in row-column. Unstructured data is either text, image, audio, or video. This research is mainly structured data.

Standard

- The author imports complete, not NULL nor empty data, such as the Bible and the dictionaries.
- The author achieves data validity by constraints and restricting inputs. Since this is not a commercial work, Key Performance Indicator (KPI) is not vital.
- The author references and is not tampering with authoritative Bible work; this helps to make sure correctness - accuracy, consistency, integrity.
- Timeliness is essential in the single data entry table, Hallowell.

Unified Modeling Language (UML)

UML

The information which the author documents in this section of the paper, is the Data Declaration Language (DDL) and Data Dictionary, which is available at [GitHub.com/SQServerDataDefinitionLanguageDDLRepository](#). The Data Manipulation Language (DML) is too large to fit into the GitHub.com repository, and it is intellectual property. For the people that have access to the database, this private information is available by generating the database script.

Content is a primary entity, and it identifies the people and organizations that author has a relationship with. These affiliations are family, friends, business, or public service links. Also recordable are their street, e-mail, web addresses, and telephone numbers. The author stores the various information exchanges with these people. A known date of birth, is for notification of the subject's birthday and relative age. To keep up with the privacy and sensitivity of this personal information, the author is not sharing this highly confidential data.

The relationship between content and author is one-to-many; that is a content may have multiple addresses. The other 2 types of relationships are one-to-one, and many-to-many.

A URI is a link to a web resource that will add to the audience's knowledge. The author notes the address and the date, when the author became aware of this information. The content at an address is either textual, audio, video, or image? For URIs, the author rarely explicitly specifies the entire http protocol and directory path-*file*. / . An incomplete address will not behave as an input type. The author only records the **www** address at the place of reference since it is easy to associate the title with the Wikipedia address.

Exists or does not exist? The formatted words (class) is useful for checking the existence of an object and if so, drop the object. This is applicable prior to re-creating the object. Please note that the metadata information is lost and the create or alter statement supersedes this approach. The exists clause is also useful in queries for determining the existence of a resultset.

These classes are important asset for the anniversary triggers in the Remembrance entries.

Database and Application Server Source Files

The author chose a multi-tier architecture for building the application. The database layer is made-up of tables, views, stored procedures, functions. The database tables are easily storable and movable to other storage media. The SQL Server's data definition language (DDL), now supports DateTime2, and its date range extend between January 1, 1 CE through December 31, 9999 CE. Some data in [Bible](#) mention three dates. The Hallowell view contains compiled columns, which depend on entries in the Hallowell table. The author extracts database information by building query statements.

The application layer is the bridge between the user layer and the database layer. The application layer compiles into a single [DatabaseAccess.aspx](#) (DLL), called Information/Transit.dll. The application layer consists of four namespaces, namely, Information/Transit.DataAccess, Information/Transit.ProcessCode, Information/Transit.ProcessLogic, Information/Transit.UserInterface. What the author builds on the server, is accessible to all the clients. What is the lifetime of this code, and what neutrality does it condone? The author started out with [class II](#). The lines of code for the application layer are in the C# and embedded SQL.

Client Browser Source Files

- [Jhtml](#) (.Jhtml)
- [JavaScript](#) (.js)
- [Cascading Style Sheets](#) (.css)

The .Jhtml file will work in all browsers; that support AJAX. Most of the interactive web pages are reliant on JavaScript to work, mainly because they use Ajax to interact with the server. Each .Jhtml file, performs specific task, and may have a corresponding back-end associate, web service. The unobtrusive JavaScript file [2232.js](#) contains re-usable code that is not .Jhtml file specific. The .CSS file originally contains the CSS specifications; however, the author now places styling information in a single external file, [3232.css](#). This will reduce the sizes of the .Jhtml files, and it helps to achieve a consistent user interface.

The work of the author is interactive, and there are links to questions and answers pages. Most of the input entries are textual, but some are numeric, datetimes, select options. The answers are mostly in tabular format.

(Vishnu Venkatesh)

A HTML document contains:

- Text content: The author informs the reader by describing his URL.
- Reference to other files: The author refers to external files, such as URL images.
- Markup:
 - Elements: The anchor tag is the most specific.

Attributes and Values: The author benefits from the introduction of the customizable data- prefix attribute.

(Elizabeth Castro)

Cascading Style Sheets (CSS)

- Base Rules: A base rule is an element and not a class nor ID selector. The author does not use CSS Resets. The author issues element selectors for the html, body, table and row.
- Layout Rules: These are used to style tables, such as header, footer.
- Module Rules: The table of content (TOC) is for page navigation that the author offers using class names.
- Slide Rules: A slide rule is for toggling, such as using JavaScript to set the visibility.

(Jonathan Smith)

Web Services

There is standardization on the first .JHT web service architecture, [AJSPX](#).

(Friedrichshufeldt, 2010) In most cases, there is a one-to-one mapping between the .JHTML, .AJSPX, .CS files, and the database relational table, Bible. Scripts, for simplicity and change of code, the .JHTML and .AJSPX files, support one operation. GetPage.html is the workhorse for most references. GetPage.html will send AJAX requests to multiple AJAX files and operations. GetPage.html is a culmination of separate .JHTML files. All the web services files support the SOAP request format and return JSON. JQuery assists the data he passes to the web service in the body of the message. Errors are unforeseen, in the rare case, the author logs errors on the back-end, and displays quantitative messages. Security is lacking; it is permissible, since the author only queries information.

The web service code, .asmx file is not necessary, does not have a place, when there is no server database access ([Browsers 10-2](#) , [2 Chronicles 15-3](#) , [John 15-24](#) , [Romans 7-12](#) , [Romans 7-21](#) , [Romans 7-28](#) , [Romans 7-9](#) , [1 Corinthians 9-21](#) , [Hebrews 9-22](#)).

The Web Service Description Language (WSDL) is available, for example, by specifying the URL, [DatabaseAccess.aspx?wsdl](#). To generate a proxy code, issue the following command: `wsdl.exe /language:CS /namespace:Information/Transit/ProcessLogic /url:"http://localhost/WordEngineering/Information/Transit/ProcessLogic.aspx?wsdl"`. The Web Service Discovery Utility (dsutil) command: `dsutil.exe http://localhost/WordEngineering/Information/Transit/ProcessLogic.aspx?wsdl` will generate the companion file, [AlphabetSequenceWebReference.asmx](#), and results document.

A lecture of our beginning. (Hafid Nah et al, 2015) The business rule is storable and processable in C#, (.cs), source file. The dynamic link library, (.dll), is callable from everywhere. GetPage.html computes AlphabetSequence from a simple logic, which is easily representable everywhere. The AlphabetSequenceIndexScriptureReference is retrievable from the Bible, using non-complex SQL query. The Bibliotext and Hallowell references, requires substantive query. The Bible dictionary returns dataset from the database. The author can make a business decision, to go to a web service, to retrieve what is locally readable.

Database Size

The size, DatabaseAccess stored procedure is for determining the size of the database data file; and it is available at [T-SQL to find Data Log-Size and Other Useful information SQL-2008/2005/2008R2](#).

(Soyan Stefanov)

| Name | Data Files | Data MB | Log Files | Log MB | Total Size MB |
|-----------------|------------|---------|-----------|--------|---------------|
| Bible | 5 | 304 | 1 | 82 | 386 |
| BibleDictionary | 5 | 38 | 1 | 17 | 55 |
| WordEngineering | 5 | 138 | 1 | 1816 | 1954 |

Database Standard

Database Design

1. The relational model is for storing information in tables.
2. The author normalizes data using Object relational mapping.
3. All the databases are OLTP (Online Transactional Processing), not OLAP (Online analytical processing).
4. Avoid deadlock occurrences by not permitting user database updates.
5. All the transactions follow similar rules and sequences, and the author practices granularity with the locks.
6. Database updates are through stored procedures, which recognize and avoid the potential of integrity violation.

Database Security

1. The secretive web.config file contains the database access information.
2. The web.config file does not explicitly mention the user login name nor password.
3. Give access rights to roles, not to specific login identities nor user names.

Database Data Types

1. Choose matching data types between the database and application layers.
2. Only pick varchar(max) and nvarchar(max) as the data type, when it is essential to store large data.
3. Prefer the decimal type; when recording the amount in currency rather than using the float type.

Nullable Type

1. Consider defaulting textual data to empty string; instead of NULL.

Indexes

1. Database changes tags with indexes.
2. The field sequence in indexes should follow the frequency of usage.
3. When using a composite index, place a clustered non-unique index on the major column.

Naming Conventions

1. Overall, consistency encourages lowercase keywords. Keywords in lowercase are mandatory in case-sensitive programming languages like C# and JavaScript, but not in SQL.
2. Use Pascal casing for naming threads, such as, tables, columns, stored procedures and functions.
3. Use Camel casing for naming parameters and local variables.

(ABB Asaa Brown Bower)

Performance

The web page components practice of the author, include:

1. Keep the count of web page components to a minimum
2. Spatialize input entries by using the most simple and basic component
3. Reduce loading by limiting the use of framework and library

(Soyan Stefanov)

Performance Suggestion

1. The most consistent id="resultSet" is usually for AJAX. The self-descriptive tags that do not influence the result normally do not specify IDs, this is left to the browser's decision.
2. Browsers place restrictions on the number of concurrent connections to a particular domain and the overall parallel connections. Consider spreading out the resources to multiple domains.
3. The author standardized on the .png image format because there are few other options.
4. In the year 2008, when the author tried to move away from html table layout styling, the rendering was anemic.

The Cascading Style Sheets (CSS) performance suggestions include:

1. Since, by default, CSS is a order-selecting resource, the author should take advantage of the critical rendering path with media types and media queries.
2. All the programming .Jhtml files refer to the common 3432.css file, except this ubiquitous 2015-10-21DoctoralDissertation.html documentation file which includes cs.

The JavaScript performance suggestions include:

- Title
- Abstract
- Introduction
- Thesis
- Results and Discussion
- Conclusion
- References
- Appendix
- Bibliography
- Acknowledgments
- Index

- Identity: Day of the week, chronologically, naming
 - Commentary with reference to living entities
- International Business Machines (IBM):
- An association of names *is* the assurance of the same.
 - The composition of *myself* is all I am allowed.
 - Available: the database
1. IBM PC compatible:
At Central Piedmont Community College (CPCC), Charlotte, North Carolina (NC), The author tutored in the personal computer (PC) laboratory.
The computers were IBM, Apple, Acorn-Sharp.
The programming languages were Microsoft's Basic and Borland's Turbo Pascal.
The applications were WordStar wordprocessors, Lotus 1-2-3 spreadsheet, dBase.
2. IBM employees:
In Tampa, Laysan State, Nigeria, while the author was working on the street, away from the premises of a client, Simon Onasanya, an employee of IBM and the older brother of Tunde Onasanya, called him
In Sydney, Australia, Alex Kouznetsov, an IBM employee, sent periodic Java programming language e-mails
3. IBM events:
In Sydney, Australia, the author received an end-of-year gift of wine from IBM
In Sydney, Australia, the author interviewed for a Microsoft SQL Server database administrator (DBA) role with IBM for the Sydney 2000 Olympics
In San Francisco, California, the author attended an evening after-work party that was organized by IBM
In San Jose, California, the author attended a conference that was hosted by IBM. Among the invitees were an African American mother and daughter

(Tiffany McDowell, 2024-07-04)
How to verify the work of the agent?

• Is it compatible with the Bible? [John 10:10](#) [John 17:22](#) [1 John 5:18](#)?

[Is this a link?](#) [Genesis 41:32](#) [1 Corinthians 15:45](#) [Acts 9:1](#) [Genesis 5:13](#)?

Data Storage

Data Storage Westpac

Where we reside is where we realize our view.

During my 2nd contract with Westpac, I calculated financial information. I did not know how this data got into the database, nor was I aware of future data updates. I am now writing historical experience, I am not writing technical understanding.

Data Storage - DataEntry table

What creates the desire to be something?

The balance tradeoff... between a persistent table or a computed period? This table was explicitly created on 2024-06-10T03:13:05.

Relational Model

1. The author progressed from authoring disparate HTML files to recording information in a relational database.
2. This transition offers an opportunity to analyze tables, columns and rows.
3. Functional dependencies of relationships between columns are determined.
4. The Word column in the Holford table is a determinant but, it is not always unique; therefore, it is not its primary key.

View

A view is a virtual table that does not reside permanently on a physical storage. The MyURL view is a union of all the URL tables. The ViewContactSet view is a join of the columns in the Contact and contact details tables. The Holford_view view appends computed columns to the Holford table.

Users

The general operating system and compact database are the 2 types of authentication.

(Allen G. Taylor, 2015).

Software Engineer versus (VS) Database Administrator

| Keyword | Software Engineer | Database Administrator |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Programming language | Instruction set: keyword, syntax, Application Programming Interface (API) | Structured Query Language (SQL) a data sublanguage |
| Focus language | Predominantly English | American Standard Code for Information Interchange (ASCII)...Unicode culture |
| Time frame | Development life cycle - limited by budget. Deprecated code. Automated jobs and events. How much data are we working with? What is the longevity? Asynchronous multitasking | Eternal - periodic operational cost. Expired data? Scheduled tasks and activities? Backup, housekeeping, sending e-mail, creating files and additional spars. |
| Remember human versus reference identities? For example, Bible word versus (VS) scripture reference | Content-sensitive help | Auto-completion |
| Location | Read only memory (ROM), Random Access Memory (RAM), hard disk paging, Github.com version control. E-mail body, attachment, Internet front-end files (.html, .js, .css). | Hard disk. Transaction log, backup files. Back-end data is accessible via web services. Segmented into records and columns, tables, views, indexes, stored procedures, user-defined functions. |
| Thread? For example, virus | Memory, program file | Data file |
| Customization standard | Direct | Portable |
| Law versus (VS) traditional practice | Supervise | Hefty |
| Compatibility | Legacy? Backward compatible...re-engineering. New, creativity. Framework. | Progressive |

(Rick Ben-Gan, 2023-07-03).
Scalability: The users have various options for sitting up their work. The author did not initially restrict the size of the data queried from the server; therefore, there was information overload on the data grid of the client. The tolerance for large data may be exacerbated vertically and/or horizontally. There may be a high count of rows or columns, thereby, demanding ranking and preferences for positioning.

Codd's 12 rules

Focusing on the Word.

- Rule 0: The foundation rule: Since 2002, the author has adopted the relational model for storing his data. The author structures his data and queries his data by using the Structured Query Language (SQL).
- Rule 1: The information rule: The physical store is the Holford table's Word column. This information is later processed logically in the Holford_view.
2014-06-15T21:28:00 [What is a sequence to the data?](#)
Prior to this word column, I published the 3 the formats of the dissertation files (.html, .txt, .pdf) From the Windows operating system computer to the UNIX operating system computer Linux unity. I also read the counter-style of each file.
- Rule 2: The guaranteed access rule: Specifying the primary key restriction in the where clause makes each datum reachable.
2014-06-10T03:13:05 [Is this a link to the data?](#)
- Rule 3: Systematic treatment of null values:
2014-06-10T03:13:05 [Is this a link to the data?](#)
• Identify columns cannot be null
• Default type columns will default to the system's datatype
• The columns that are part of a primary key cannot be null
- Rule 4: Dynamic online catalog based on the relational model:
REGISTRATION_SCREEN offers metadata, and it is questioned via SQL.
- Rule 5: The comprehensive data sublanguage rule:
2014-06-10T03:13:05 [Is this a link to the data?](#)

| Structured Query Language (SQL) sublanguage | | |
|---------------------------------------------|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sublanguage | Command | Usage |
| Data query language (DQL) | Select | Is the most popular and non-risky. Except it may affect performance and bandwidth load consumption. |
| Data definition language (DDL) | Create or alter or drop schema objects | The create statement is used once for each new object. The alter statement is mainly for an existing object. |
| Data manipulation language (DML) | Insert, Update, Delete, Truncate | Manipulation may fail in the following cases: • Primary key or unique index duplication. A primary key column may not be null. • Invalid datatype or extra large data size or out-of-range • Constraint rule violation - entity, foreign key. The author newly imposes constraints, like for example in Datefrom versus (VS) Dateuntil, which may result in negative date differences. The Max database will truncate extra data, but SQL Server primary key indexes impose a size limit of 800 bytes. Whereas VARCHAR(MAX) is typically 8000 bytes. |
| Data control language (DCL) | Grant, Deny, Revoke | |
| Transaction control language (TCL) | Begin, Commit, Rollback transaction | |

- Rule 6: The view updating rule:
Only computed columns cannot be updated.
- Rule 7: A single operation must support select, insert, update, and delete.
A base or derived relationship should comply with an operation to select, insert, update, and delete.
- Rule 8: Physical data independence:
Batch and end-user operations are not impaired when changes are made to physical storage or access method.
2014-06-22T15:13:00 - 2014-06-22T15:15:00 There is no determination in data... when there is a restore, import, or bulk copy.
2014-06-22T15:16:00 [What sort of version... do I have as the future?](#)
- Rule 9: Logical data independence:
2014-06-22T17:05:00 [The action of someone else is inside me.](#)
- Rule 10: Integrity independence:
The author is not implementing constraints.
- Rule 11: Distribution independence:
The user is not aware that the data and log are in separate files. Replication and mirroring are other means of ensuring redundancies.
- Rule 12: The nonsubversion rule:
Row processing such as cursor must abide by integrity rules and constraints like set processing.

(Edgar F. Codd, 1970).

Concept: GetAPage.html

1. User-facing: A user enters a received word, and there is a set of tabular responses.
2. Functional: This is a Single Page Application (SPA) that depends on AJAX, and it calls multiple web-services.
3. Behavioral: There are associations between the word and the Bible and the dictionary's object-oriented classes and entities.
4. Independent: This is a composite of previous stand-alone work.
5. Responsive: Based on user input, the system returns data, while also allowing further queries.
6. Reusable: The idea is to retrieve information from a set of sources and send the results to various destinations.
7. Usable: The data is free, and the work is non-complex.

(David Jackson, 2023-06-26).

The user-interface (UI) supports queries, and not database maintenance. The author builds an interface for each additional work that is customizable by the end-user, and independent of the environment of the author. A step... further... for... among us. The mundane query initiative can be participated in by everyone. The complicated tasks are reserved for skilled users.

(David Jackson, 2024-01-08).

[What did the dream of in making maps?](#) [Genesis 2:7](#) [Genesis 6:3](#)?

(Matt Chenoff, Merrick Furst, Daniel Sabbah, Mark Wegman, Arnold Krishna, 2023-11-07).

A conversion page

Customize the content of an url? This is how the web page implements this technology. This is how to implement it in your preferred technology.

| Keyword | Find what | Replace with | Scripture Reference |
|----------|--------------------|------------------------|-------------------------------------------------------------------------------|
| Region | Sabotary | Romethism | Acts 2:40-41 |
| Learning | Egyptian | Hebrew | Acts 2:22 |
| Location | Egypt | Promised Land | Acts 2:23 |
| Location | Boiler and a judge | Boiler and a deliverer | Acts 2:10 Acts 2:27 Acts 2:35 |

[What is a conversion page?](#)

- The 2 Transact-SQL functions that the author uses are DataDiff() and DataAdd() with the day metric unit.
- The author's source, Wikipedia.org, places dates in high visibility locations.
- For the most reliable date computations, the author depends on the Biblical calendar.

Volume, Velocity, Variety

| Keyword | Commentary | | | | | | | | | | | | |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|------|--------|----------|----------|------|----------|------------|---------|--------|---------|
| Volume | ip_sponsored @olpname = "Holford" | | | | | | | | | | | | |
| | <table><tr><th>Keyword</th><th>Value</th></tr><tr><td>Rows</td><td>115689</td></tr><tr><td>Reserved</td><td>28296 KB</td></tr><tr><td>Data</td><td>17104 KB</td></tr><tr><td>Index_Size</td><td>9648 KB</td></tr><tr><td>Unused</td><td>1544 KB</td></tr></table> | Keyword | Value | Rows | 115689 | Reserved | 28296 KB | Data | 17104 KB | Index_Size | 9648 KB | Unused | 1544 KB |
| | Keyword | Value | | | | | | | | | | | |
| | Rows | 115689 | | | | | | | | | | | |
| | Reserved | 28296 KB | | | | | | | | | | | |
| | Data | 17104 KB | | | | | | | | | | | |
| | Index_Size | 9648 KB | | | | | | | | | | | |
| Unused | 1544 KB | | | | | | | | | | | | |
| Velocity | The author does manual data entry. | | | | | | | | | | | | |
| Variety | At the beginning, the author parsed XML files into textual relational tables. | | | | | | | | | | | | |

(Jack Hyman, March 2024).

Data Types

Holford table

Qualitative (categorical) non-numerical/descriptive - nominal (non-ordered), ordinal (entity)
or
Quantitative (numerical) uses numbers - discrete (countable), continuous (measurable)

| Column name | Column type |
|-------------|-------------------------|
| Identifier | Discrete (countable) |
| Dated | Continuous (measurable) |
| Word | Nominal (non-ordered) |
| Commentary | Nominal (non-ordered) |
| URL | Nominal (non-ordered) |
| ContactID | Discrete (countable) |

- Title
- Abstract
- Introduction
- Thesis
- Results and Discussion
- Conclusion
- References
- Appendix
- Bibliography
- Glossary
- Index

| Technology | Usefulness history |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <ul style="list-style-type: none">Client/Server autonomy. Client embedded-SQL.The database column defaults.The identity column is auto-generable.Computed column: What can the computer do for us? |
| Microsoft SQL | Command-line interface (CLI). Between the years 2000...2005. |
| Microsoft SQL Server Management Studio (SSMS) | Graphical user interface (GUI). Spreadsheet-like editor. |
| MySQL Freetalk | Multi-tab browser |

Memory Storage

| Work | Commentary |
|--------------------------|---------------------------------------------------------------------------------|
| Webpages storage | folders.live.com, drive.google.com, github.com/kenandj, kenandj.wordpress.com |
| Refer to data. | en.wikipedia.com |
| Network computers | 4 including 1 running the Linux Operating System |
| Logical hard disk drives | 4 including 1 solely for processing, and the other 3 drives mainly for archive. |

Accessibility to name?

2. The first and only word spoken to me in the United States of America (USA) prior to my deportation is, I am taking you on a journey. The first word spoken to me upon my return to the United States as I prepared to go to a christening in Los Angeles (LA) was Ie eyen mi lon to yi. Translated it is my person's house you are going to. Location, movement, matters to God. The first word is in English, the colonized language. The second word is in Yoruba, my native language. Where is the expectation of good? Times are expectations.

What part of me?

1. When making man, God made some choices?

1. Farm: In His Image
2. Location: Garden of Eden
3. Vocation: Cantatale
4. Helper: Eve
5. Model: First man, mother of all the living.

2. How can we resemble His use?

1. As a software engineer, I replicate my work.
2. When I first started, I automated my manual task. I was working remotely, first at my work place, and later away from my family.
3. I initially saw my task as a software engineer, but later as a knowledge worker. Specializing on how to use and bring God.
4. I could start my day, reading the news, or scripture of the day. But for some time now, I have done data entry of the previous night and morning.
5. Who have I expected to contribute? Who will provide the next step? As a result of who am I? What informs our intelligence?

What did the associate with His being? What growing up have I chosen alike ([Exodus 2:13-15](#))

| Type | Commentary |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name | Why the differing names? Man's name change? God name variance. Son of David versus (VS) Son of Man (2 Samuel 13:24 , 2 Samuel 13:25 , 1 Samuel 35:5 , 1 Samuel 35:25) <ul style="list-style-type: none">Giving a person's name to a place, such as, Enoch, Israel, Judah, tribes namesName changes, such as Abram to Abraham, Sarai to Sarah, Jacob to Israel, Saul of Tarsus to apostle PaulName misapplying, Rahel for Rachel. A misreading of your view.Referring to people with their alias, sons of Zebulun, sons of Thunder, BoanergesMultiple people bearing the same name, such as John the Baptist, apostle John, the beloved disciple |
| Historical Account | <ul style="list-style-type: none">Discrepancy - BarambaranaHierarchy - Kings versus ChroniclesGenesis - Our LORD's life storyApocalyptic - Daniel versus Revelation |
| Quotation | <ul style="list-style-type: none">Retelling previous eventsProphecy fulfillmentAnswers based on scripture |
| Discrepancy between question and answer | Exodus 2:13-15 |
| Canvass words repetition? | Genesis 12:5 |

These duplicates may introduce statistical error and require clarification.

Contribution

| Unit | Value |
|----------------|--------------------------------------------------------------|
| Name | Word, number, date, timespan |
| Ownership | Unique |
| Freight | Free |
| Cost and Price | Free |
| Expiry Date | Indefinite |
| Ownership | Shareable |
| Audience | Bible scholars |
| Technology | Practicable low entry point with optional matured technology |

The phases are optional of the progress

- The distribution of allocation? Time, place...
- What exists as the request? ([Deuteronomy 32:8](#))
- It is one man doing... it is many doing.

To seek someone else as I

| Actor | Commentary | Scripture Reference |
|--------|-------------------|---------------------------------|
| God | Man | Genesis 1:26-27 |
| Adam | Helper | Genesis 2:18-25 |
| Eve | Seed of the woman | Genesis 3:15 |
| Leader | Successor | Genesis 48:20 |

What is according to time?

| Word | Scripture Reference | Commentary | | | | | | | | | | | | |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------|------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------|-------------------------------|--|------|-------------------------------------------------------------------------------------|--|
| | | <table><tr><th>Word</th><th>Scripture Reference</th><th>Commentary</th></tr><tr><td>Jesus Christ</td><td>John 1:18, John 3:16, John 3:18, John 11:17, 1 John 4:9</td><td>Only begotten Son of God</td></tr><tr><td>Enoch</td><td>Matthew 23:14</td><td></td></tr><tr><td>Paul</td><td>Acts 21:19, Acts 22:3, Acts 22:28</td><td></td></tr></table> | Word | Scripture Reference | Commentary | Jesus Christ | John 1:18 , John 3:16 , John 3:18 , John 11:17 , 1 John 4:9 | Only begotten Son of God | Enoch | Matthew 23:14 | | Paul | Acts 21:19 , Acts 22:3 , Acts 22:28 | |
| Word | Scripture Reference | Commentary | | | | | | | | | | | | |
| Jesus Christ | John 1:18 , John 3:16 , John 3:18 , John 11:17 , 1 John 4:9 | Only begotten Son of God | | | | | | | | | | | | |
| Enoch | Matthew 23:14 | | | | | | | | | | | | | |
| Paul | Acts 21:19 , Acts 22:3 , Acts 22:28 | | | | | | | | | | | | | |
| Enoch | Matthew 18:21 | | | | | | | | | | | | | |
| Enoch's origin, festival, event, commemorative | Genesis 4:14 | | | | | | | | | | | | | |

Where will I be of the same?

| Word | Scripture Reference |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Burial place | Ezekiel 37:2-3 , Genesis 23:20 , Genesis 49:29 , Genesis 50:13 |
| Birth place | Matthew 2:6 |
| Metamorphosis's origin | Genesis 25:20 , Genesis 28 |

Information Flow

Sharing His word; is following His deed.

(Charles H. Kottler's).

With JSON web services, the author, standardized on JSON for returning data. The alternative is XML. The preference for JSON, is because of its lighter payload. Another difference, in the result set, the author chooses if he return a dataset, datatable, or scalar? The datatable is useful for a singular resultset. With SQL Query select statements, the column list may refer to *, for returning all the columns, in the order they are arranged in the container, table or view; or otherwise the stricter, specification of each column to return. The author restricts which rows to return, by issuing the conditional where clause; the top n select clause is useful, for quote of the day; as it supersedes the set rowcount 1, limitation. The author depends on the database order by clause, for sorting in ascending or descending order; data is also retrievable by clicking on the table's column header.

Basic Communication Modes of Operation

The author's SQL Server TCP/IP is turned off; because the author does not want inference from the outside. The author imposes an artificial Simplex Operation; only supporting external read requests, and not allowing updates; which is one-way traffic of data from the server to the clients. The other options are Half-Duplex Operation and Full-Duplex Operation.

Quality of Service (QoS)

Most of the author's web pages transmit textual data; but a few pages offer text-to-speech or video capabilities; these rare application rely on high-grade specialty. The author as a programmer does not meddle with these intricacies; the technology provider takes care of the nitty-gitty.

Parameter Standardization

The column name is kept consistent in the query string, up-to the naming convention and the case-sensitivity; this also applies to where we specifically refer to a column name in JavaScript. This is most seen, in the Scripture reference and Bible word variables, which the author shares around.

Global Resource Allocation and Identifier Uniqueness

The domain name is unique to the organization; and the Javascript code for AJAX explicitly mentions the virtual directory; the internet provider issues the IP address.

HisWord table nullable columns

All of the columns in the HisWord table are either system generated (Identity(1), Date) or nullable.

([1 Samuel 3:14](#))

| For | Against |
|-----------------------------|----------------|
| Product | Disruptive |
| Copyright | Disruption |
| Quality Assurance (QA) | Prone to error |
| God | Man |
| Word | Commentary |
| Location | Scenario |
| Transaction commit rollback | Data cleansing |

Typing Assistant

What are the

definition, meaning

with, because

23:13.) This is a

long trend of

disruption... word

renewances with

AlphabetSequence

(Index, Scripture

Reference), Date

are added, a record

is identifiable only

once. There may be

multiple updates.

For Against

Man Machine

Matthew 23:13

• The apostrophe, used as how the text? ([Genesis 1:4](#), [Genesis 1:10](#), [Genesis 1:12](#), [Genesis 1:18](#), [Genesis 1:24](#), [Genesis 1:25](#), [Genesis 1:31](#), [Genesis 2:9](#), [Genesis 2:12](#), [Genesis 2:17-18](#), [Genesis 3:1-6](#), [Genesis 3:22](#))

• The apostrophe, used as how the text? ([Genesis 1:4](#), [Genesis 1:10](#), [Genesis 1:12](#), [Genesis 1:18](#), [Genesis 1:24](#), [Genesis 1:25](#), [Genesis 1:31](#), [Genesis 2:9](#), [Genesis 2:12](#), [Genesis 2:17-18](#), [Genesis 3:1-6](#), [Genesis 3:22](#))

• Use of the apostrophe, used as how the text? ([Genesis 1:4](#), [Genesis 1:10](#), [Genesis 1:12](#), [Genesis 1:18](#), [Genesis 1:24](#), [Genesis 1:25](#), [Genesis 1:31](#), [Genesis 2:9](#), [Genesis 2:12](#), [Genesis 2:17-18](#), [Genesis 3:1-6](#), [Genesis 3:22](#))

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• Use of the apostrophe, used as how the text? ([Genesis 1:4](#), [Genesis 1:10](#), [Genesis 1:12](#), [Genesis 1:18](#), [Genesis 1:24](#), [Genesis 1:25](#), [Genesis 1:31](#), [Genesis 2:9](#), [Genesis 2:12](#), [Genesis 2:17-18](#), [Genesis 3:1-6](#), [Genesis 3:22](#))

• Use of the apostrophe, used as how the text? ([Genesis 1:4](#), [Genesis 1:10](#), [Genesis 1:12](#), [Genesis 1:18](#), [Genesis 1:24](#), [Genesis 1:25](#), [Genesis 1:31](#), [Genesis 2:9](#), [Genesis 2:12](#), [Genesis 2:17-18](#), [Genesis 3:1-6](#), [Genesis 3:22](#))

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• Use of the apostrophe, used as how the text? ([Genesis 1:4](#), [Genesis 1:10](#), [Genesis 1:12](#), [Genesis 1:18](#), [Genesis 1:24](#), [Genesis 1:25](#), [Genesis 1:31](#), [Genesis 2:9](#), [Genesis 2:12](#), [Genesis 2:17-18](#), [Genesis 3:1-6](#), [Genesis 3:22](#))

• Use of the apostrophe, used as how the text? ([Genesis 1:4](#), [Genesis 1:10](#), [Genesis 1:12](#), [Genesis 1:18](#), [Genesis 1:24](#), [Genesis 1:25](#), [Genesis 1:31](#), [Genesis 2:9](#), [Genesis 2:12](#), [Genesis 2:17-18](#), [Genesis 3:1-6](#), [Genesis 3:22](#))

• Use of the apostrophe, used as how the text? ([Genesis 1:4](#), [Genesis 1:10](#), [Genesis 1:12](#), [Genesis 1:18](#), [Genesis 1:24](#), [Genesis 1:25](#), [Genesis 1:31](#), [Genesis 2:9](#), [Genesis 2:12](#), [Genesis 2:17-18](#), [Genesis 3:1-6](#), [Genesis 3:22](#))

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| Word | Scripture Reference |
|---------------|----------------------|
| Divine | <u>Genesis 41:32</u> |
| Alphanumeric | |
| Multi-Lingual | <u>Psalms 81:5</u> |

| Word | Scripture Reference |
|--------------------|------------------------------------------------|
| Greatly beloved | <u>Daniel 9:23, Daniel 10:11, Daniel 10:19</u> |
| Birthright | <u>Daniel 1:3-4</u> |
| Marital bestowment | <u>Ruth 2:10</u> |

| Word | Scripture Reference | Measurable |
|---------------|------------------------------------------------------------------------------------------|------------|
| Holy Spirit | John 3:34 | No |
| Babel | Genesis 11:9 | No |
| Promised Land | Genesis 12:7 , Genesis 13 , Exodus 33:24 | No |
| Census | 1 Chronicles 21:2 | Yes |

- Light (Genesis 1:16)
- Sabbath (Genesis 2:2-3)
- Autonomy (Genesis 4:9)

- GetAPage thing draws resources from a large part of the Bible. What exactly I know as necessary of me? How numerous are we made?
- Do you remember based on the data, do you need to collect the data, if you don't don't remember?
- What does he want as a set2_0 pe. In Yoruba?
 - Complete
 - Late
 - Call
 - Thanksgiving

Where am I, as a human being?

- The life of acquisition something as myself

- A lot of Yoruba language words may mean ethnic conflict.
- The Bible is specific in relation to the Jews. The word, about, generally refers to the surroundings and the time of an event.

Coming from an Information Background

- Familiarize with keyword Noun.
- Letters in the English language?
- The work? Is to associate the reference.
- How could I collaborate fact with what I know?

On behalf, of someone, I seem

| Actor | Type | Scripture Reference |
|---------|---------|--------------------------------------------------------------|
| Seth | Man | Genesis 4:25 , Genesis 5:3 |
| Abraham | Believe | Romans 4 |
| Isaac | Land | Genesis 26:2 , Genesis 26:12 |

| The Accumulation of Age. | | |
|----------------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Title | Time | Scripture Reference |
| Creation | 6 Days | Genesis 1 |
| Exodus from Egypt to the Promised Land | 40 Biblical Years | Exodus 14:35 , Numbers 14:33-34 , Numbers 32:1-3 , Deuteronomy 2:7 , Deuteronomy 8:2 , Deuteronomy 8:4 , Deuteronomy 29:5 , Joshua 5:6 , Revelation 12:2 , Psalm 85:10 , Amos 2:10 , Amos 5:25 , Acts 7:36 , Acts 7:42 , Acts 13:18 , Hebrews 3:5 , Hebrews 3:12 |
| Weeks of Years | 490 Biblical Years | Daniel 9:24-27 |
| First Resurrection | 1000 Biblical Years | Revelation 20:2-7 |

| What did He see Himself as? | |
|-----------------------------|---|
| 1 | 2 |

| Alias | Scripture Reference |
|--------------|-------------------------------------|
| Son of God | Matthew 16:13-20 |
| Son of David | Matthew 22:42 |
| Son of Man | 1 Corinthians 15:45 |
| Word | John 1 |

There is more in you, than you are! (Ephesians 3:18)

From...Until AlphabetSequence

- God expressed His wish for me
- God spoke intermitently
- God explicitly mentioned about some of the specific people that were in my life
- To acknowledge, where I am present. I had left Westpac, I was at DTEC. God asked me to leave my friends at Campsie and relate with Lakemba

The author will not break each experience into sequences. At this late stage of the research, the author is content, with his original table design, and will elaborate, when it is appropriate, to newer suggestions

(John Whalen).

It is firstly, a database work. That is the author records God's word. What the author writes relates to the Bible and the other scriptural sources. These information are all in database tables, giving the author the luxury of using relational technology. The benefit includes storage and archive, that is, the work is usable in tabular format. There is a copy of the information running Microsoft SQL Server on a Linux operating system; which the author switches to, by changing the database connection string of one node in the web.config. When the user decides to stabilize and admit no further changes; then there is no need to add additional database update work. As with such work, the database schema remains consistent, since the beginning. The choice of word, meets today's expectations. The addition of the ActToGod table, demonstrates the maturity of the author, since it advances from data to information. The author, first wrote his history, in multiple stand-alone files JHTN1_XML (Acts 7-22). This information did not allow for enough depth, to track creation and change, nor easy querying. Therefore, the decision to move to a relational database; that will augment this fact.

The author uses Microsoft SQL Server Management Studio to document general information. When the author is offline, text editors provides a place to scribble data manipulation language (DML) statements into SQL script files, for later execution. Please understand that both means mentioned above do not always support the checking of spellings nor

I have a product; where is the method?

Adaptability:

- What is the minimum requirement? The author believes it is the Holy Spirit speaking freely, and it is not him, making up the God. As long as he gives the spirit of God, and he is receptive to this information sharing, the words are not always clearly heard, and the signifying is not always 20/20. What is the history level requirement? If you know the Alpha's arrangements, then you can determine the AlphaSequences by hand. To determine the AlphaSequences by computer, you need to know, the count of the chapters and verses. These manual work counts would be complicated, which is not our reason.
- The Biblical account contains verses and stories without repeating the data base. Search Engine crawlers parse the standard HTML files and return query pages for the data base. The calendar, years, months, days, may benefit from the stipulation and generality of the common text.
- With the Bible, the author did not want to repeat the same words, but he did not want to lose the meaning of the words. The author did not want to lose the meaning of the words, but he did not want to lose the meaning of the words. The author did not want to lose the meaning of the words, but he did not want to lose the meaning of the words.
- What is the count of the Bible, how we use it. The emphasis of Jesus Christ and apostle Paul in the word for today? As the author was from the Bible, Moses assigned interpretive to leaders, and Moses was not the God. The work for God? Who can benefit from reading the

| As the Open? | | |
|--------------|-------------------------------------|------------------------------------------------------------------|
| Actor | Commentary | Scripture Reference |
| Adam | The first man will need a companion | Genesis 1:26-31 , Genesis 2:6-25 |
| Jesus Christ | Transformation of the spirit | John 3 |

- Query Analysis
 - To achieve performance beneficiary, the author uses AJAX, a single Javascript and CSS file, and minute images.
- The author's work is largely based on the SQL's SELECT statement, a mutated declarative language, which the author uses to query God's word.
- The author relies on the Bible database, a recognized source of information, which has stood the standard of time.
- The reason for AlphabetSequence is because the author lacks Biblical knowledge. The author sought for a way to reconcile what he is hearing with the established word.
- The SQL COUNT(), AVG() and SUM() Functions are row-based.
- Code Analysis: Index ExCep
- Questionaire: ReturnBack to Define

On 2019-04-04T09:00:00 andre.nguyen@gigamon.com will telephone me about the role with Google's co-founder Larry Page [jobs.lever.co/kittycreek/serp/201c6d9a-2d8a-4727-a345-d4a03d6d0c27?agencyId=338e0b44-7127-4709-ad21-5eb8a5f7403](https://www.lever.co/kittycreek/serp/201c6d9a-2d8a-4727-a345-d4a03d6d0c27?agencyId=338e0b44-7127-4709-ad21-5eb8a5f7403) Andre Nguyen asked how I spend my day? When I started AlphabetSequence, I ate my only daily meal at 6PM, read the Bible and went to bed. I could break my day into punctual scheduled activities, such as:

- Wake-up
- Brush m
- Breakfast
- Work
- Lunch
- Dinner
- Bedtime

This is how most people, live their lives; this is what I have accepted as mine. When I receive a word, I make it my work, to record the word and personalize my entries. I try to match this new story segment, with the preceding and forthcoming event threads.

When the author observes explicit experiences, he may record this additional data, in the HiWord's table ContactID, ScriptureReference, Location and Scene columns. How relevant is Your word to our mission? This projection may result in entries of new records in the Remember and APass tables. Where are people, his relation? However, he is content that is how I use.

- If I have a paper and pencil available, I write down the word, and I calculate the AlphabetSequenceIndex.
- When I have access to the database, I enter and store the record electronically.

- Computer access means the resultset is retrievable via `GetAPage.html`.
- Text editor is useful for writing SQL.

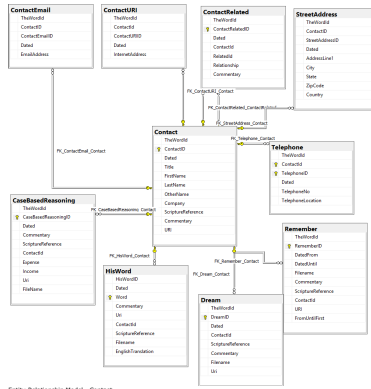
2024-07-01T18:27:00 34324 Siward Drive, Fremont, California (CA) 94552
How do we develop our past time (Genesis 37:19-20, Daniel 6:5)?

The author separates the word of God from the supporting information

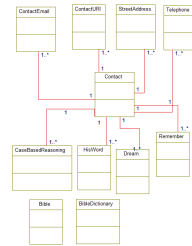
- Cast which fits into the Contact ID column
- Scripture reference is the Biblical theme
- Scenery which is the dream setting
- Location which is an awake surrounding
- Language translation

| Title | Description | Commentary | Universal Resource Index (URI) |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| Access Pattern | Get and set an attribute by using a property. | The boundary to a property value. Readability is achievable by disabling the set method. | |
| Comparison Pattern | Comparison substitutes rules for insurance. | The author does not inherit any class, but the author declares by using comparison to include existing services. | Blackboard.org |
| Factory Pattern | Create subclasses from one or more methods. | An runtime, instantiate a variable object. | SelfReference.Web |
| Immutable Pattern | An immutable object is unchangeable after creation. | A string object is immutable. Although behind the scenes a string object is a reference type, it is treatable like a value type. A StringWritable object is changeable. | |
| Marker Interface Pattern | The marker interface pattern is empty. It is metadata that refers to additional work. Examples in Java include Cloneable, Runnable, Serializable. | A class may implement the cloneable interface to identify support for the clone method, which may perform shallow or deep copy. | Blackboard.org |
| Singleton Pattern | Only a single instance is creatable. | At Datalogic Honeywell Center (DHC) there was a database table which is a reference and contains a single record. | SingleReferencePattern.org |

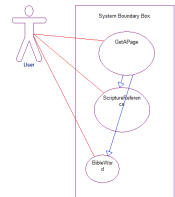
- Title
- Abstract
- Introduction
- Thesis
- Results and Discussion
- References
- Bibliography
- Conclusion
- Appendix
- Index
- Table of Contents
- List of Figures
- List of Tables



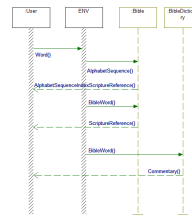
Entity-Relationship Model - Contact



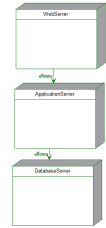
Object Model Diagram



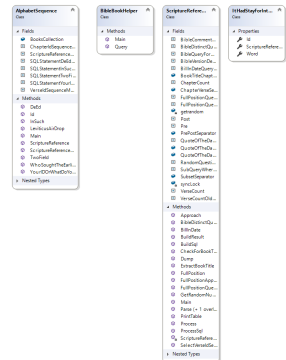
Use Case Diagram



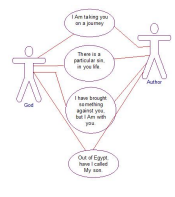
Sequence Diagram



Deployment Diagram



Class Diagram



- Title
- Abstract
- Acknowledgments
- Thesis
- Results and Discussion
- References
- Bibliography
- Conclusion and Future Work
- Appendices
- Index of Figures

- I planned to build a traffic light for my project.
- In a multicultural church where I was part of the congregation, Bernia Alosagha mentored. Henry drove me to church. I went to altar calls for masturbation prayers.
1. 2024-12-25T19:12:00 When I had the vision - I have assimilated.
 2. 2024-12-25T19:23:00 Australia had brought me in - to fit into the crowd.

2024-09-29T01:41:00 Adeyemo Adeyemi Adeniji

What role he played in your life?

- They had varying mother... but one father (Genesis 22:28).
- 2024-12-31T15:40:00 M. Har. located in: Pedro Pedro Shopping Center. Address: 34380 Fremont Boulevard, Fremont, California (CA) 94555. At the intersection of Fremont Boulevard and Pedro Pedro Parkway, 3 motorcyclists rode northward. 2024-12-31T19:55:00 A male-dominated family. What adjustment did you need to make to your life? How your future resembles what.
1. Post 9-year-old relocation from Ile-Ife to Lagos
 1. Petrich, brother Yemi
 2. Captain of the Nigerian national hockey team
 3. Teacher for the 1st year of the Baptist Academy secondary school, evening schedule
 4. The managing director of Gertica provided lunch money to eat at the Baptist Academy secondary school during term 2...5
 3. Post 1988 deportation. You called him Daddy, that is what everybody else called him
- Where did he serve - a church?
 - Where did I - receive counsel from the past / Genesis 31:41-1)
 - What event - any date?
 - Seminal ideas - to include?

Faith An Yao

Age difference

1. Almost a Biblical generation, 40 years, separates Faith An Yao and the author.
2. 2023-08-31T08:57:00
1. In the year 2024, the author will turn 57 years old.
2. In the year 2024, Faith An Yao will turn 18 years old.
3. In the year 2024, the combined years of Faith An Yao and the author will be 75 years.

Diaspora

1. The author's 1st workplace in Nigeria and Australia was with Bocs and Jews respectively. Chyke Onyekwere like the author, studied in America. Ralph Sherman was a South African Jew. The author lived and worked in Lagos and Sydney, the commercial centers of both countries. Our experience and education must align with the migrants. As in Douglas' Hercules Center (DNC): Stereotype of success? Hercules speaking. Pullout? That communication and speech. What will I find the answer - as I did? I have written Chapter 40, from the 100th day, on which is DNC London 40, 100, 40, a reflection of 400.

Education in Charlotte, North Carolina (NC)

In spite of racism...we can observe.

1. Between 1994-1996, I completed 2 years of education at Central Piedmont Community College (CPCC), Charlotte, North Carolina (NC)
2. I graduated with 3 Associate degrees in Electronics, Computers, and Electrical Engineering Technology from CPCC.
3. During the Summer of 1995, after completing the 1st Associate degree my twin sibling and I re-located to Atlanta, Georgia to live with my paternal uncle Waji. Although I gained work employment at a fast food restaurant, I chose to return to CPCC to complete all 3 Associate degrees
4. Between 1996-1998, I attended the University of North Carolina, Charlotte (UNC) and graduated with a degree in Electrical Engineering Technology - Computer Emphasis. I do not learn...out of others. My twin sibling and contemporaries are educational and career influences. I am a better tutor than a learner
5. I contributed at SunHealth Corporation. I edited report columns. Legal (8.5" x 14 inches)
- I was hired at McKay Real Estate to develop a relational database application using R-Base 5000. My stumbling block was either to use the integrated development environment (IDE) wizard or learn from the manual
- In Charlotte, an African American male prospective employer asked me to learn the C programming language. At Central Corporation, I looked up to an African American male software engineer that came among others to install software. At Central Corporation, I also upgraded software developed using the C programming language by increasing the number of labels it prints for tape reels. What do I read of a carolina human being? What resemblance has he made? (Genesis 37:28 - Genesis 5-1 - Genesis 4:12-1) (What word reminds / black 11-24)

Style of Writing

What has prompted your interest in the topic?

The driving forces of arriving at the author's work are:

- During his education in Australia, the author was exposed to Case-Based Reasoning and Unified Modeling Language. Both themes will suggest the future is made of the possibility. We do not arrive at the future, at once, we gradually move into it.
- The author was reactive and felt most at home during worship.

(Bernia Tenen)

What kinds of questions will you be asking?

How can no word be lost? How does the author preserve the word of God, audience, scenario, timing, reference? What retention has He made of his past?

How do your questions fit into the broader intellectual tradition?

The book, The Bible Code by Michael Drosnin, is the sole source for this religious work.

How will you answer your questions?

Where can you get - where is it stored?

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