

Documentation for Developers by Michael E. Marotta `USZIK11@gmail.com`

Presented to “Austin RB” 04 January MMXVI , 7:00 PM at The Capital Factory.

uszik11@gmail.com

Eleven hal úszik a víz alatt.

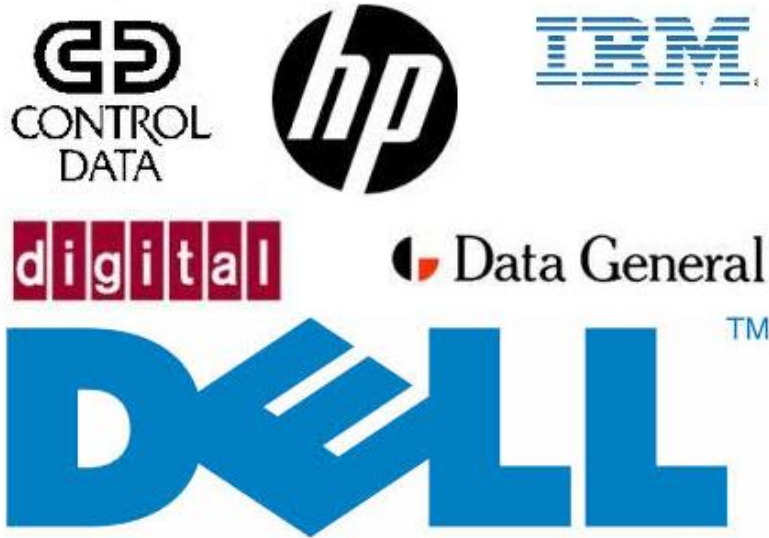
- Estonian:

Elav kala ujub vee all.

- Finnish:

Elävä kala ui veden alla.

My username on this email is a play on what is supposed to be the only sentence mutually intelligible across Hungarian, Estonian, and Finnish. In fact, it is not understandable. But it is interesting to me. I pay a lot of attention to words, especially to how they are received subconsciously.



I started as a computer programmer. On a database project for General Motors, no one wanted to write the user manual. I had written two small books and published half a dozen magazine articles, so I wrote it.

Over the years, I did more documentation and less programming. In the 1980s and 1990s, I used the TeX/LaTeX typesetting language. TeX was the antecedent to SGML from which came HTML.



Rule #1

These tools work
if you use them.

Rule #0

**To do it right,
you must
love
the doing.**

Definition

Luck
is the combination of
hard work
and
planning.

Axiom:
Documentation
is specification.

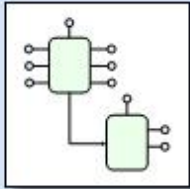
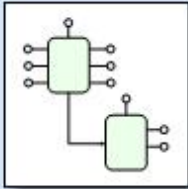
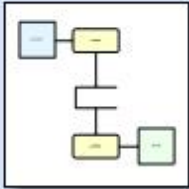
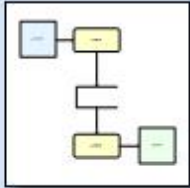


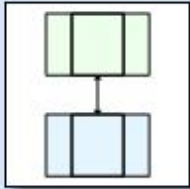
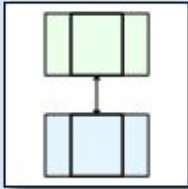
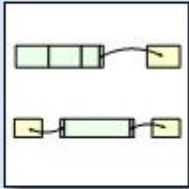
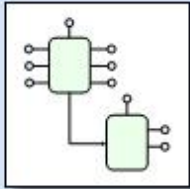
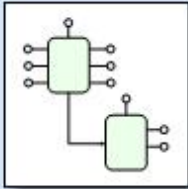
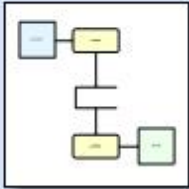
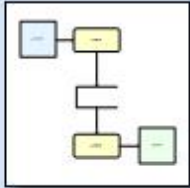


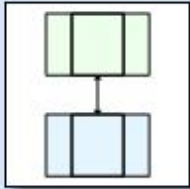
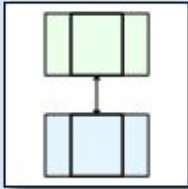
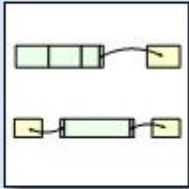
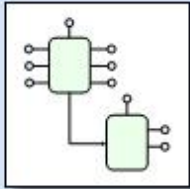
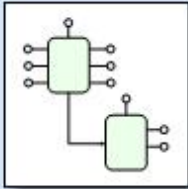
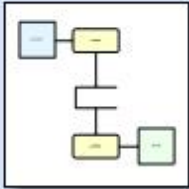
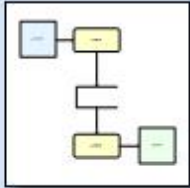


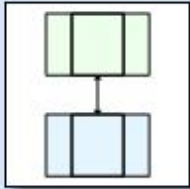
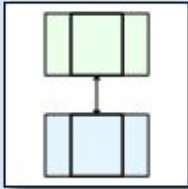
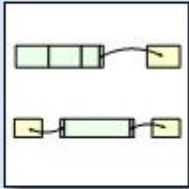
Axiom:
**Presentation is
documentation.**

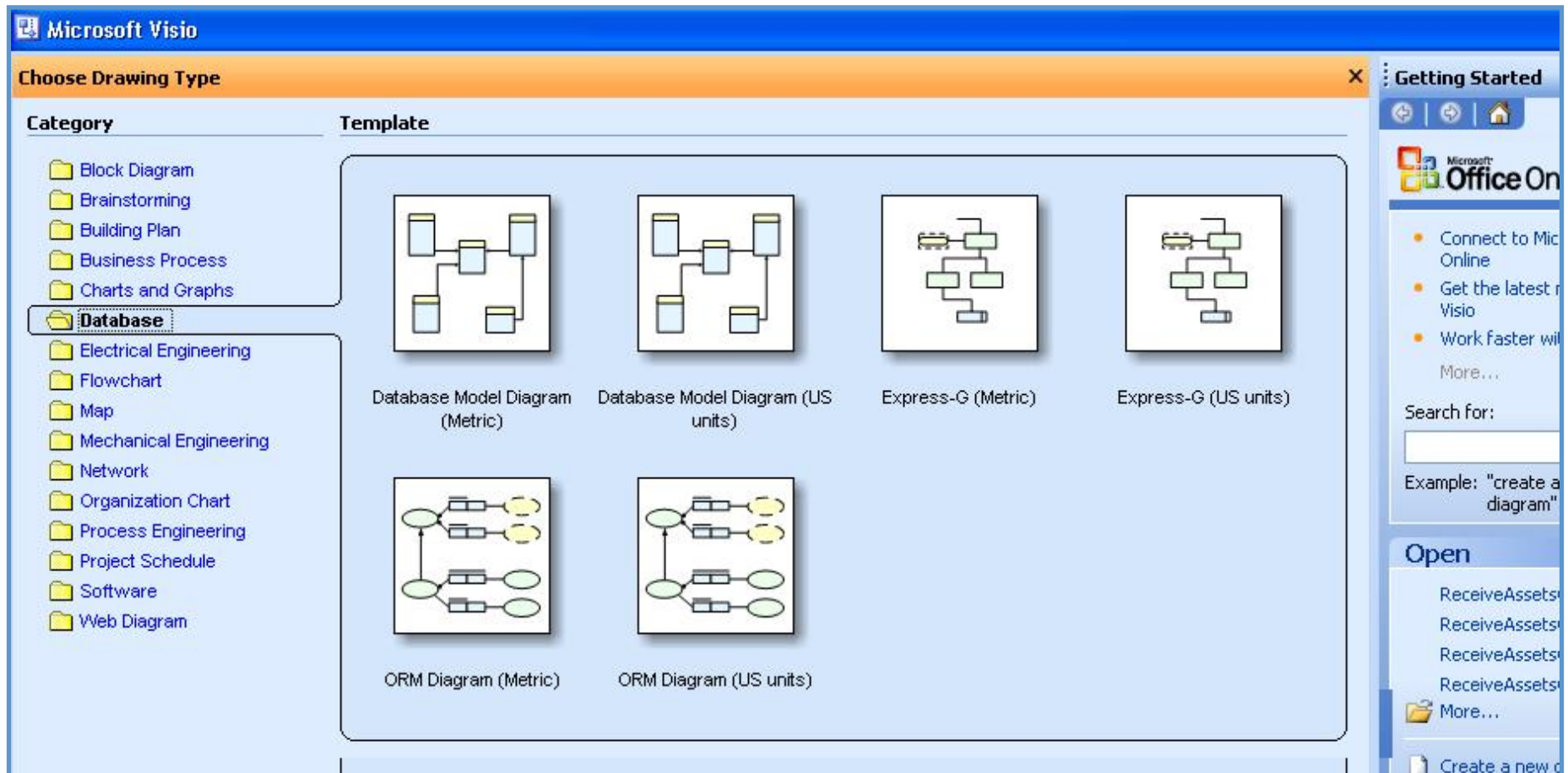
- **Documentation is Specification.**
 - **#include doc = specs.text <files>;**
-
- **Documentation is Presentation.**
 - **#include doc = prezzo.text <files>;**

the only “don’t”
the only “thou shalt not”

Do not design in code.

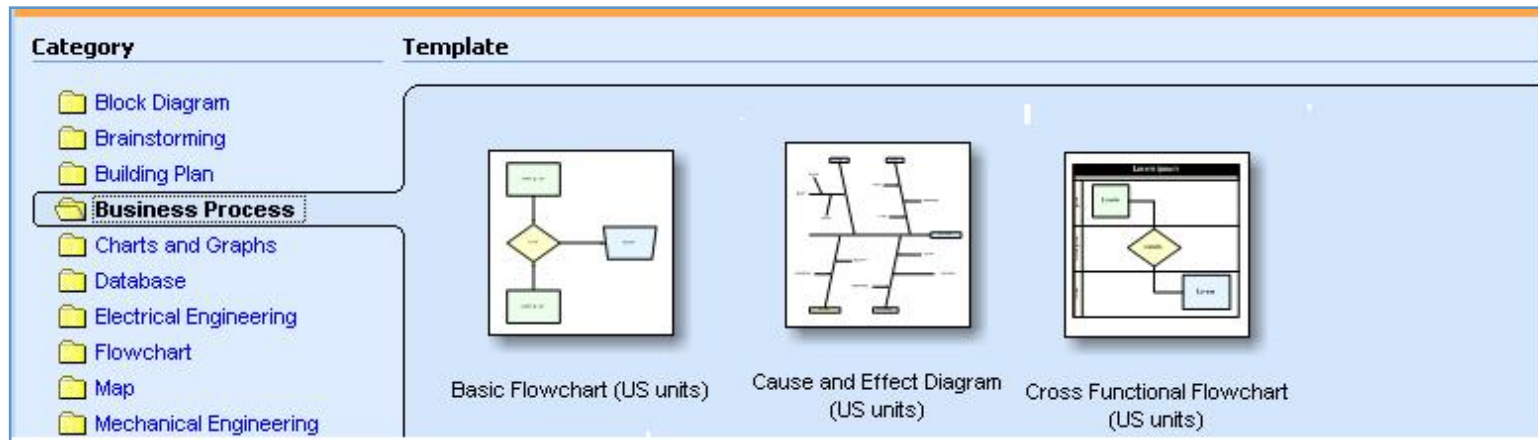
Visio Software Charts

Category	Template																		
<ul style="list-style-type: none">Block DiagramBrainstormingBuilding PlanBusiness ProcessCharts and GraphsDatabaseElectrical EngineeringFlowchartMapMechanical EngineeringNetworkOrganization ChartProcess EngineeringProject ScheduleSoftwareWeb Diagram	<table border="1"><tbody><tr><td></td><td></td><td></td></tr><tr><td>COM and OLE (Metric)</td><td>COM and OLE (US units)</td><td>Data Flow Model Diagram (Metric)</td></tr><tr><td></td><td></td><td></td></tr><tr><td>Data Flow Model Diagram (US units)</td><td>Enterprise Application (Metric)</td><td>Enterprise Application (US units)</td></tr><tr><td></td><td></td><td></td></tr><tr><td>Jackson (Metric)</td><td>Jackson (US units)</td><td>Program Structure (Metric)</td></tr></tbody></table>				COM and OLE (Metric)	COM and OLE (US units)	Data Flow Model Diagram (Metric)				Data Flow Model Diagram (US units)	Enterprise Application (Metric)	Enterprise Application (US units)				Jackson (Metric)	Jackson (US units)	Program Structure (Metric)
																			
COM and OLE (Metric)	COM and OLE (US units)	Data Flow Model Diagram (Metric)																	
																			
Data Flow Model Diagram (US units)	Enterprise Application (Metric)	Enterprise Application (US units)																	
																			
Jackson (Metric)	Jackson (US units)	Program Structure (Metric)																	



Visio Database charts

Visio Business Processes

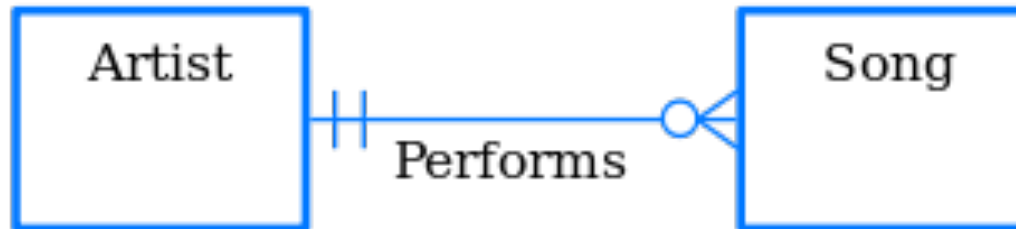


Basic Flowchart

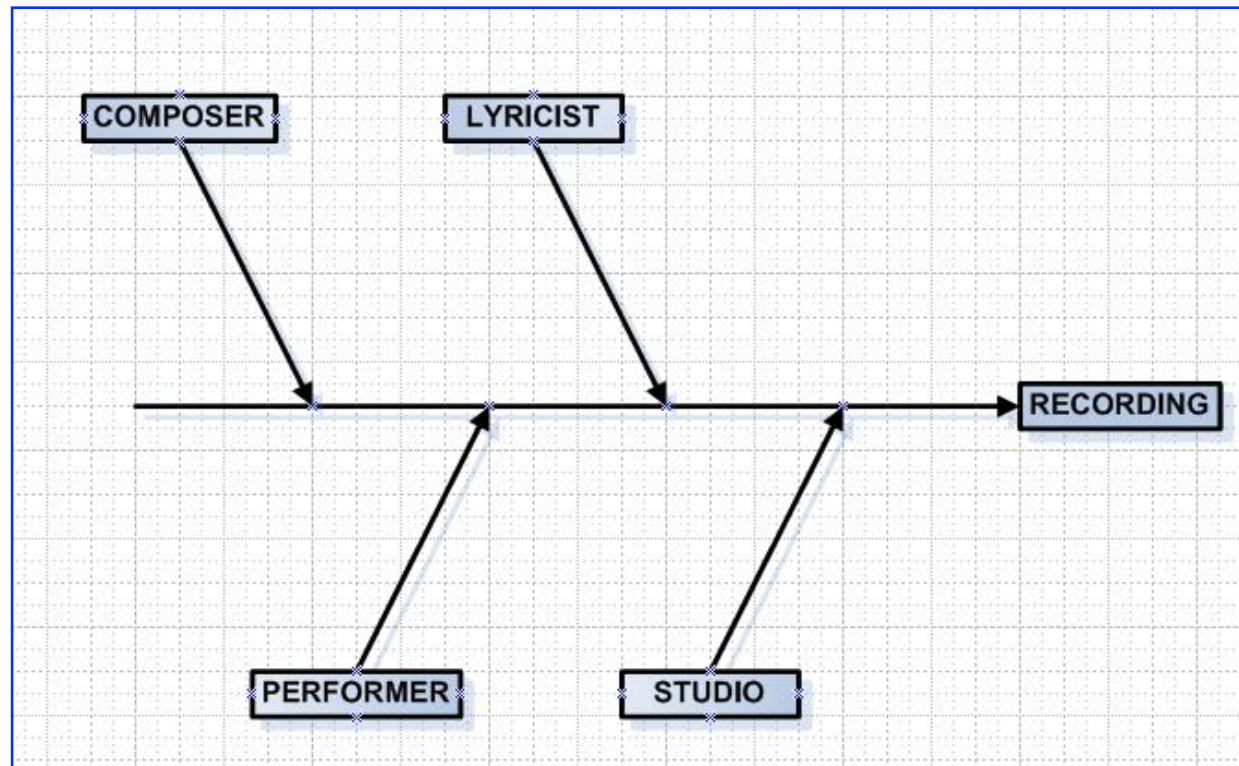
Cause and Effect Diagram

Cross Functional Flowchart

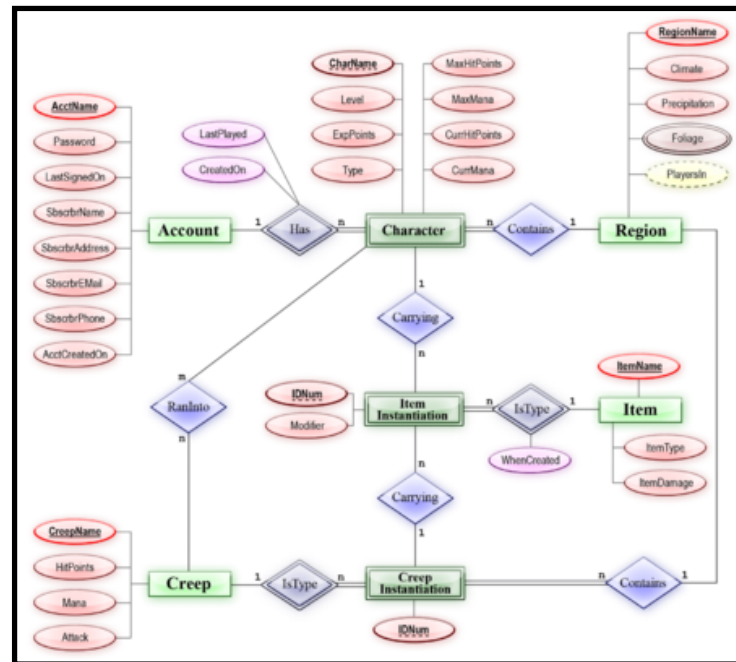
Entity Relationship Diagram



Cause-Effect Diagram

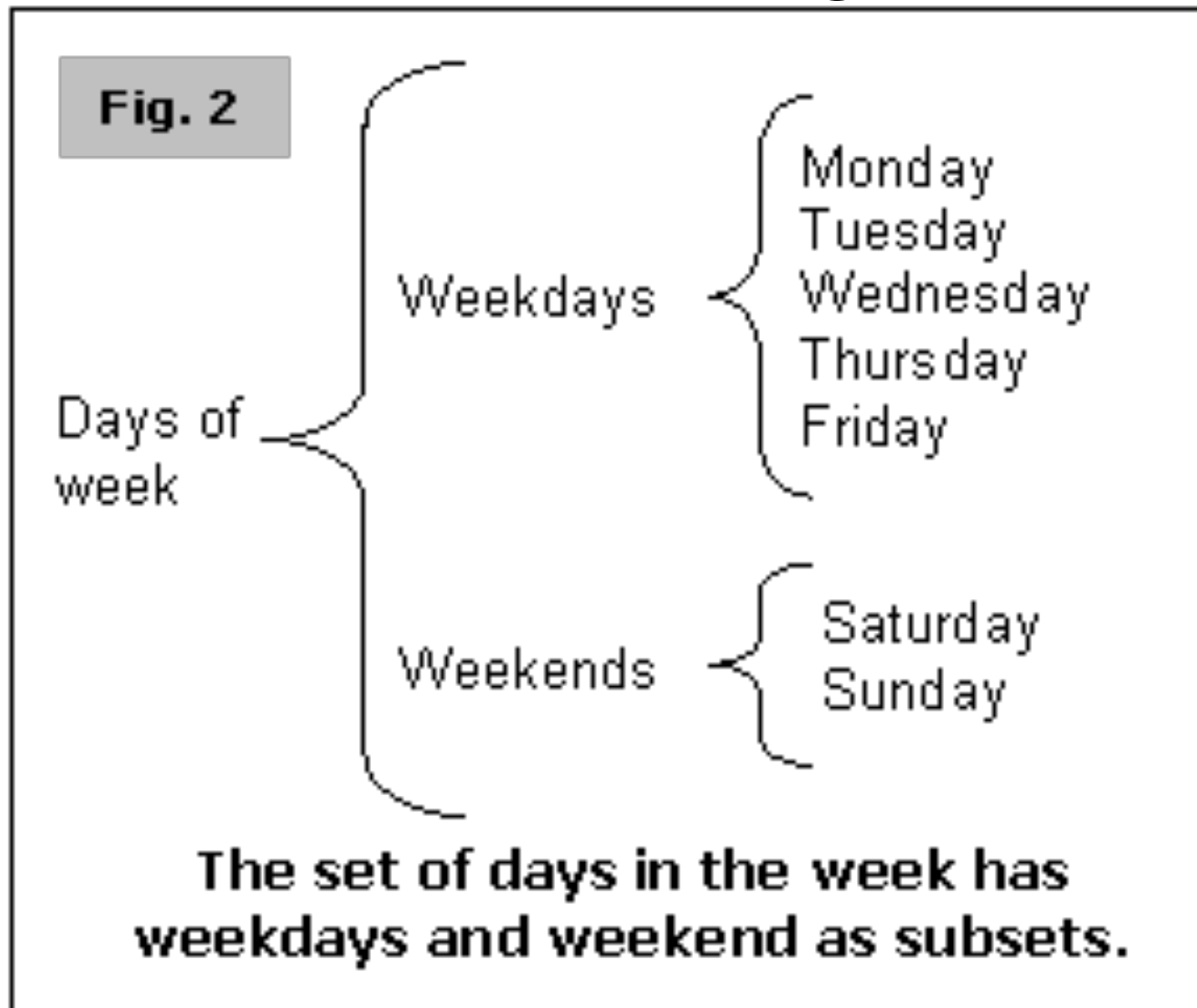


The best way to learn something is to teach it to someone else.

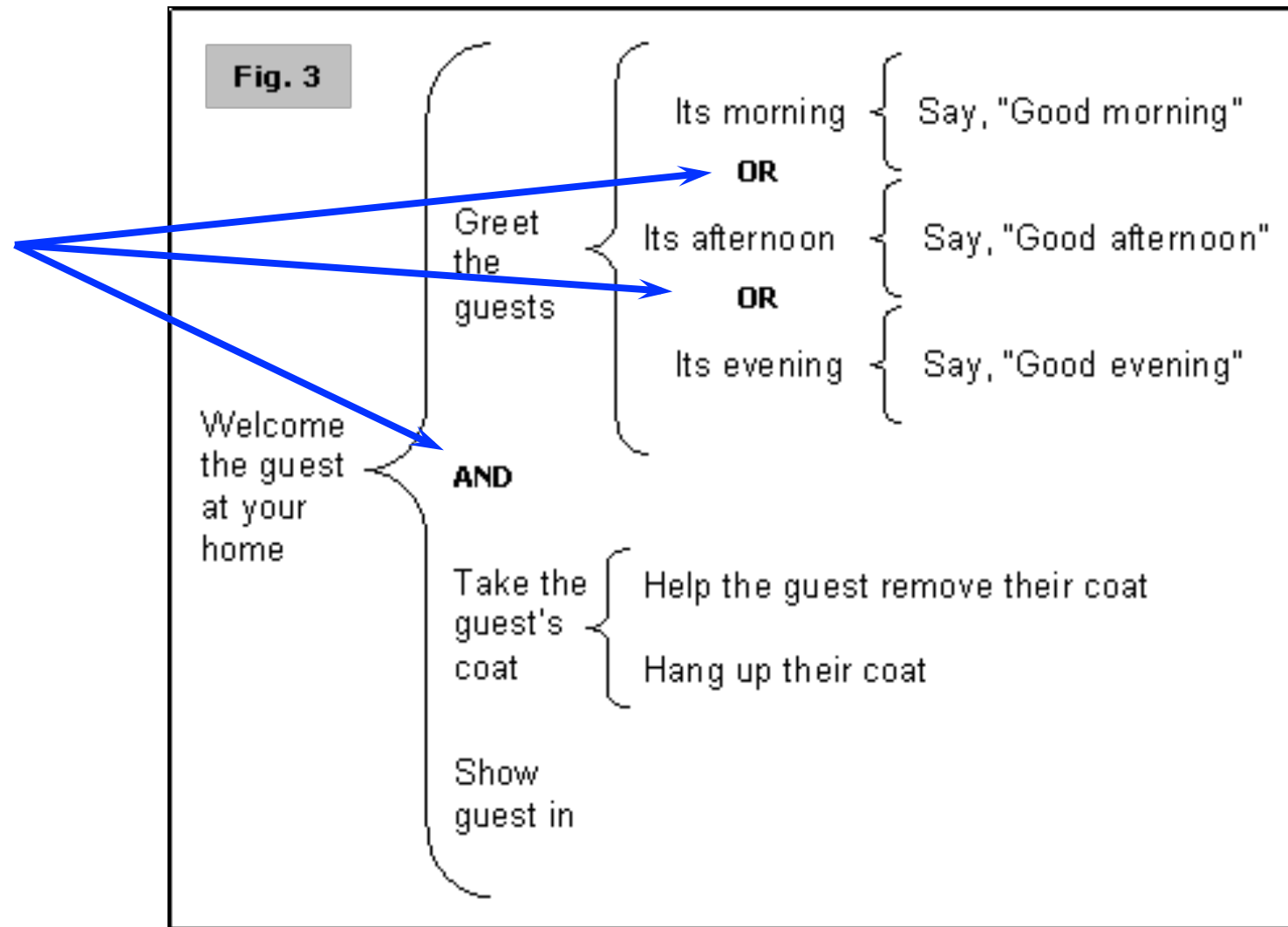


A conclusion is the place at which you stopped thinking.

Warnier-Orr Diagrams



Warnier-Orr Diagrams

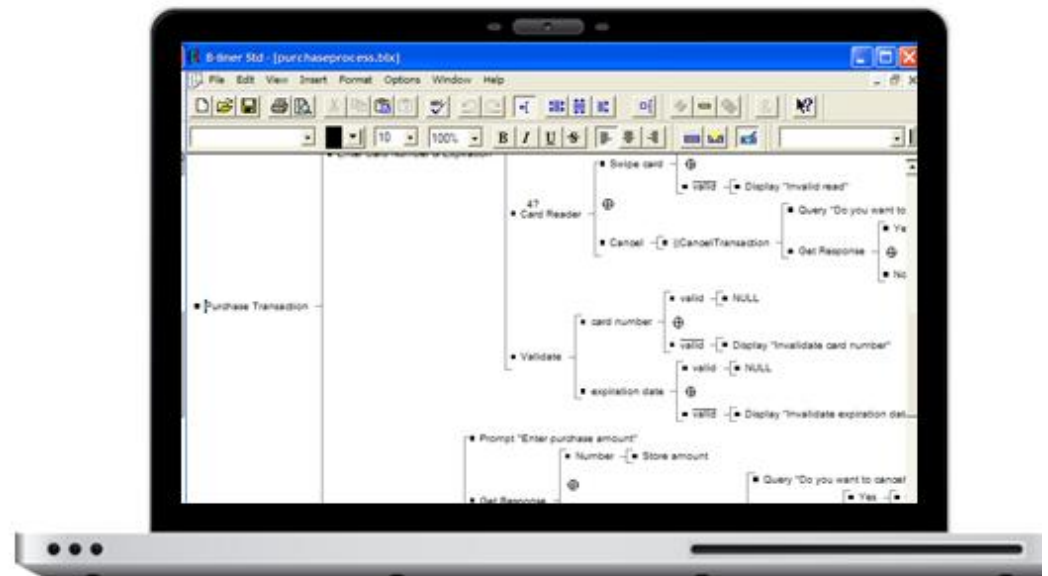


B-liner 6

The Warnier-Orr Diagrammer

Features Uses Gallery Purchase Support

The Warnier-Orr Diagrammer



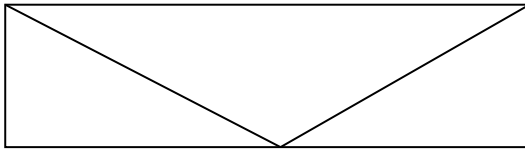
Testimonials

B-liner's simple and intuitive outlining environment enhances your ability to think, organize, analyze, manage, communicate and document.

"I use B-liner in many different ways. I am currently a project manager in an IT area. I originally bought the B-liner

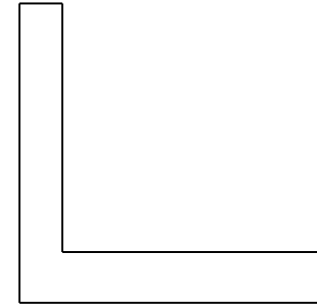
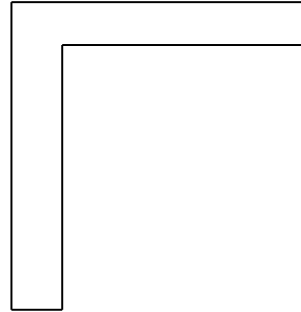
Nassi-Shneiderman Diagrams

Definition



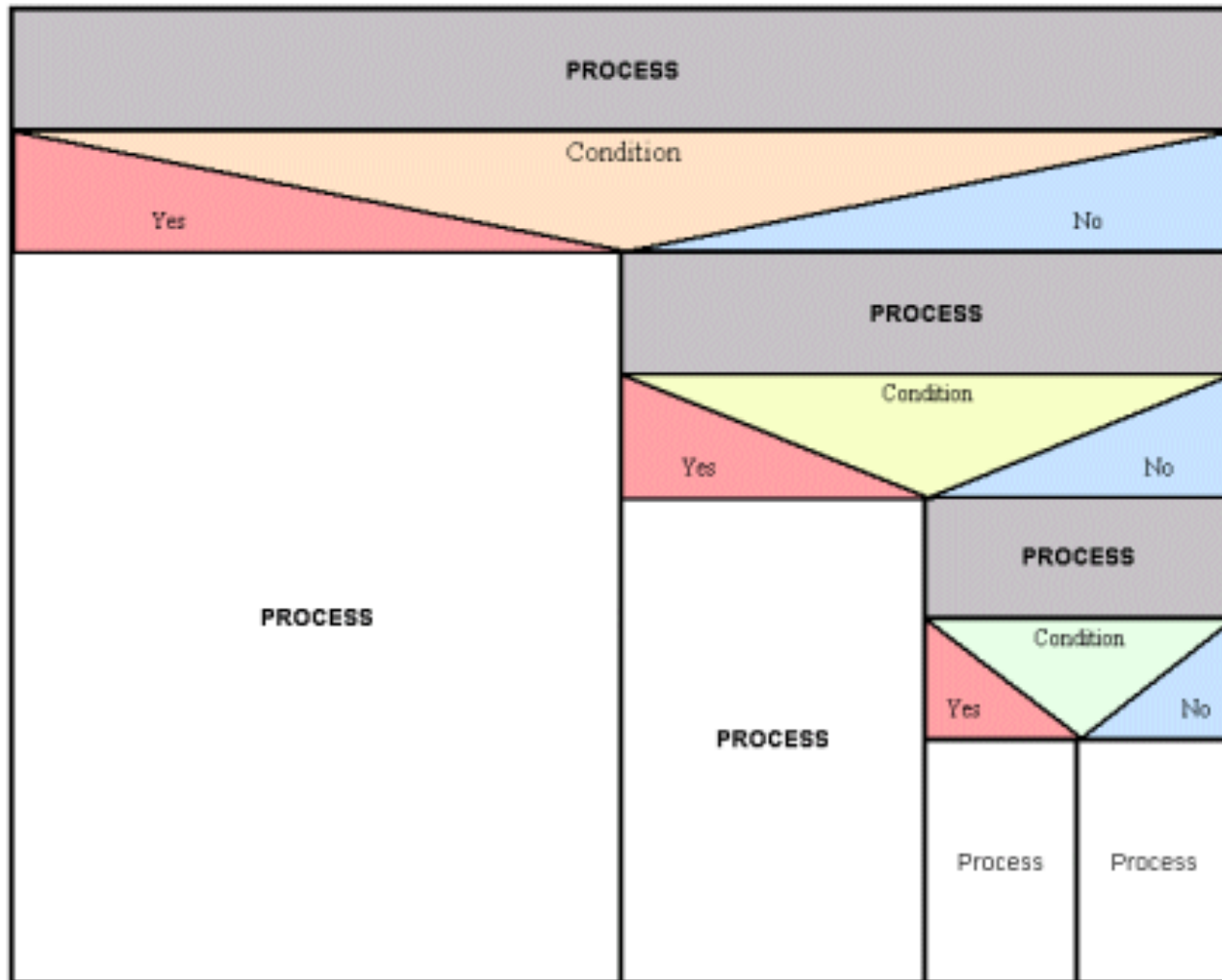
If-Then-Else

Do While



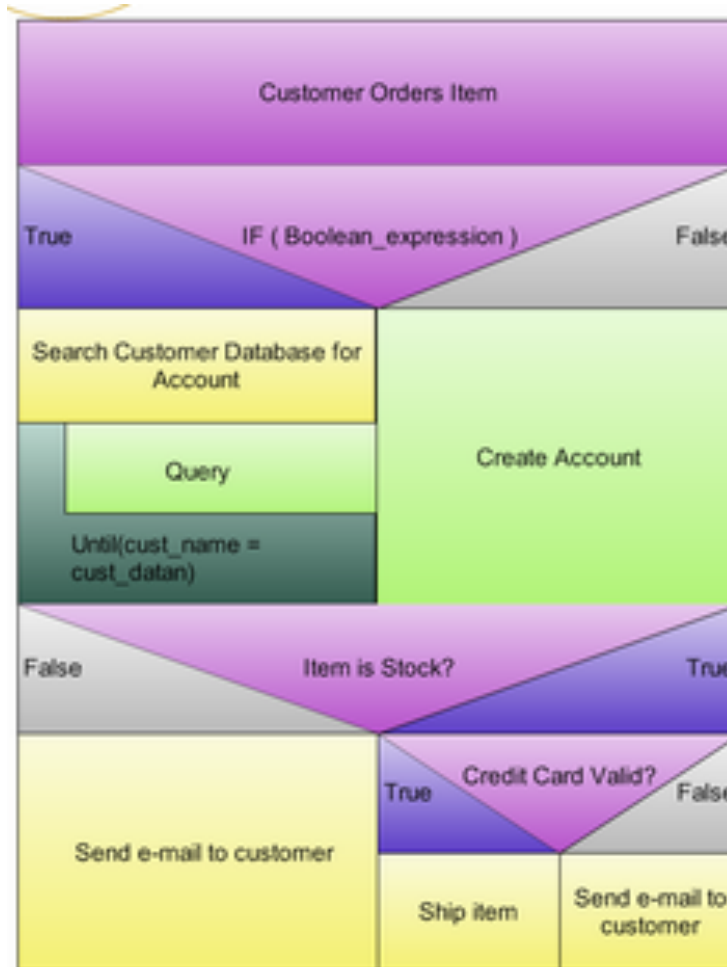
Do Until

Nassi-Shneiderman Diagrams



Nassi-Shneiderman Diagrams

Search
database
for
account.
Query
until
customer
name is
found



Create
Account

Item
in
Stock?

<http://www.edrawsoft.com/Nassi-Schneiderman.php>



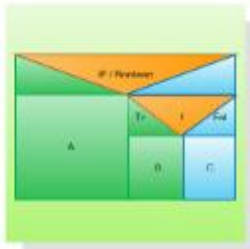
Edraw Flowchart

Create flowcharts and business charts with rich templates!



Nassi-Shneiderman Diagram Software

What is a Nassi-Shneiderman diagram



Nassi-Shneiderman diagrams are an alternative notation for process flowchart. A Nassi-Shneiderman (NS) diagram is a graphical method of stating algorithms. It is a diagrammatic approach to algorithm design but is not as bulky to draw as flowcharts.

NS Diagram Software

Edraw is a very easy-to-use and intuitive database design tool and Nassi-Shneiderman software which can save you hundreds hours of work.

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Edraw Max

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       1

Easy to Create

- » Basic Flowchart
- » Highlight Flowchart
- » Audit Flow Diagram
- » Process Flowchart
- » Cross Functional Flowchart
- » Value-Added Flow Chart

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Important Notice: Jeppesen has completed the initial pre-release testing Microsoft Windows 7 and we are pleased to announce that JeppView, FliteDeck, FliteStar and JIFP (Jeppesen Internet Flight Planner) are all supported on this new operating system in both 32-bit and 64-bit versions.

Jeppesen MyFlitePlan Online

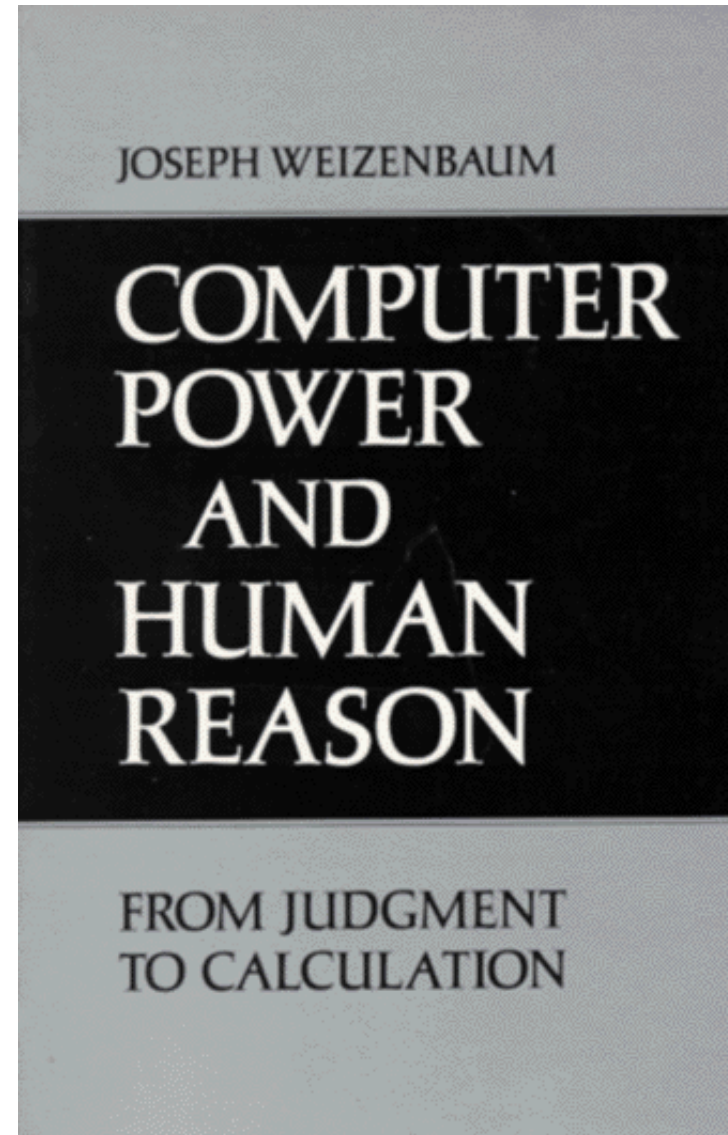
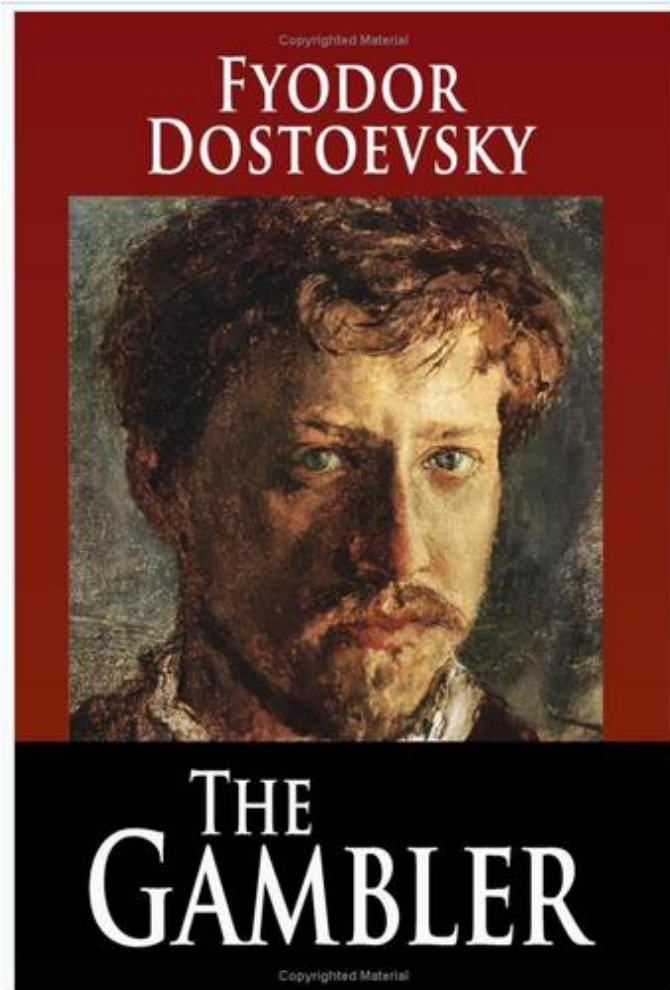
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Response





GOOD WRITING

- SHORT, DECLARATIVE SENTENCES
 - ACTIVE VOICE
 - PRESENT TENSE
 - THIRD PERSON
(OR SECOND, AS NEEDED)
 - INDICATIVE MOOD

READABILITY
is the only measure.

... and what you can measure, you can improve.

The Sermon on the Mount

¶
Matthew 5:21 ¶
Blessed are the poor who mourn, for they will be comforted. Blessed are those who are hungry and thirsty for righteousness, for they will be filled. Blessed are the merciful, for they will be forgiven. Blessed are the pure in heart, for they will see God. Blessed are the meek, for they will inherit the earth. Blessed are those who are persecuted because of righteousness, for the kingdom of heaven is theirs. Blessed are you who love your enemies and hate your enemies, for in the sky is your reward. ¶
¶
¶
¶
¶

Readability Statistics

Counts	
Words	143
Characters	661
Paragraphs	2
Sentences	10
Averages	
Sentences per Paragraph	10.0
Words per Sentence	14.1
Characters per Word	4.4
Readability	
Passive Sentences	30%
Flesch Reading Ease	81.5
Flesch-Kincaid Grade Level	5.3

OK

n. Blessed are those who are persecuted because of righteousness, for the kingdom of heaven is theirs. ¶
¶
¶
¶

Fifth grade reading level.

The Declaration of Independence

Grade 18 reading level: high school plus 6 years.

We hold these truths to be self-evident, that all men are created equal, that they are endowed by their Creator with certain unalienable Rights, that among these are Life, Liberty and the pursuit of Happiness.—That whenever a new Government is instituted among Men, its just powers shall be derived from the consent of the governed, and that to secure these ends, it is the right of the People to alter or to abolish it, or to institute new Government, laying its foundation on such principles and organizing its powers in such form, as to them shall seem most likely to effect their Safety and Happiness.—In the first place, then, let us suppose that the Governments of the Colonies are not good, and accordingly all the Colonies are suffering from the evils which are suffered by the Colonies accustomed to British Government. But the same Object is not to be attained by the same means; it is their duty, to secure their security.—Such is the necessity which has arisen from the history of the present King of Great Britain is a history of repeated injuries and usurpations, all having in direct object the establishment of an absolute Tyranny over these States. To prove this, let Facts be submitted to a candid world. ¶

Readability Statistics

Counts	
Words	267
Characters	1362
Paragraphs	1
Sentences	5

Averages	
Sentences per Paragraph	5.0
Words per Sentence	53.4
Characters per Word	4.9

Readability	
Passive Sentences	20%
Flesch Reading Ease	33.4
Flesch-Kincaid Grade Level	18.0

1 sentence 47 words

In **My Organization Attendance**, **Time Card Status Added to Employee Absence Details Tab** in **My Organization Attendance** on the **Employee Absence Details** tab that is displayed when then **Absent** button is clicked for an employee who has already entered and absence, the **Time Card Status** column has been added to display the approval status of the absence time card.

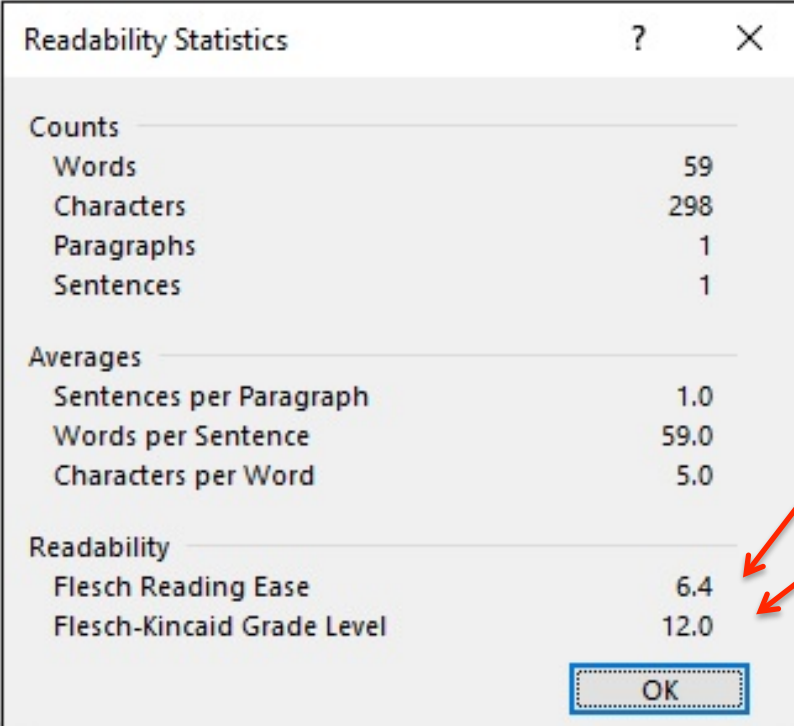
Find the error.

In My Organization Attendance, Time Card Status Added to Employee Absence Details Tab in My Organization Attendance on the Employee Absence Details tab that is displayed when then **Absent** button is clicked for an employee who has already entered and absence, the **Time Card Status** column has been added to display the approval status of the absence time card.

Find the subject.

In My Organization Attendance, Time Card Status Added to Employee Absence Details Tab in My Organization Attendance on the **Employee Absence Details** tab that is displayed when then **Absent** button is clicked for an employee who has already entered an absence, the **Time Card Status** column has been added to display the approval status of the absence time card.

In My Organization Attendance, Time Card Status Added to Employee Absence Details Tab In My Organization Attendance on the Employee Absence Details tab that is displayed when the Absent button is clicked for an employee who has already entered an absence, the Time Card Status column has been added to display the approval status of the absence time card.



A screenshot of a 'Readability Statistics' dialog box. The dialog box has a title bar with a question mark and a close button. It contains three sections: 'Counts', 'Averages', and 'Readability'. The 'Counts' section lists Words (59), Characters (298), Paragraphs (1), and Sentences (1). The 'Averages' section lists Sentences per Paragraph (1.0), Words per Sentence (59.0), and Characters per Word (5.0). The 'Readability' section lists Flesch Reading Ease (6.4) and Flesch-Kincaid Grade Level (12.0). An 'OK' button is at the bottom right.

Readability Statistics	
Counts	
Words	59
Characters	298
Paragraphs	1
Sentences	1
Averages	
Sentences per Paragraph	1.0
Words per Sentence	59.0
Characters per Word	5.0
Readability	
Flesch Reading Ease	6.4
Flesch-Kincaid Grade Level	12.0
OK	

6.4%
out of
100%
possible

Maxed out

The thesis of this book is that rulers placed astronomical symbols on their coins to commemorate celestial events which validated their claims that they governed by mandates from heaven. The author sets robust standards by which his assertions are to be proved. He

compelling t
foundation f
convenient r
controls for
the unassaila
their time. ¶
¶
Marshall Fai
Missouri (Re
astronomy a
European an
the Rockfish
investigating
out of focus

at said, the
the book creates a
vents were
int officials as audit
e putative evidences
with the skies of
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a doctorate in
eology (both
birding editor for
ously comfortable
nctly: the trees are

Readability Statistics

Counts

Words	1319
Characters	6759
Paragraphs	21
Sentences	74

Averages

Sentences per Paragraph	5.7
Words per Sentence	16.8
Characters per Word	5.0

Readability

Passive Sentences	16%
Flesch Reading Ease	49.5
Flesch-Kincaid Grade Level	10.4

Grade 10.4

OK

IT Hardware Disposal Policy Reading level 12.9

1.1.1 → Disposal Paperwork Policy

The Disposal Paperwork Policy applies to the management of all IT assets that are no longer required for service, regardless of asset type, ownership, or location. This policy will ensure that the appropriate paperwork is prepared for the formal recording and management of asset disposal.

In all cases the Disposal

- → The Disposal Policy is followed, and
- → The appropriate Disposal Assets are being
- → The appropriate Asset is being
- → The appropriate Pick-Up process
- → All Disposal Policy applicable Cap

Readability Statistics	
Counts	
Words	101
Characters	543
Paragraphs	5
Sentences	5
Averages	
Sentences per Paragraph	1.0
Words per Sentence	20.2
Characters per Word	5.3
Readability	
Passive Sentences	100%
Flesch Reading Ease	38.0
Flesch-Kincaid Grade Level	12.9
OK	

Disposal of the asset are

the disposal of the asset.

asset process when Leased.

resale process when an

il Agent during the Asset

by the client contract and

IT Hardware Disposal Policy Reading level 12.9

1.1.1 → Disposal Paperwork Policy¶

The Disposal Paperwork Policy applies to the management of all IT assets that are no longer required for service, regardless of asset type, ownership, or location. This policy will ensure that the appropriate paperwork is prepared for the formal recording and management of asset disposal.¶

Comment [MEM1]: ROS¶

Comment [MEM2]: Future tense¶

¶

In all cases the Disposal Manager shall ensure that:¶

Comment [MEM3]: tense¶

- → The Disposal Paperwork Policy rules for documenting the disposal of the asset are followed, and that appropriate paperwork shall be raised for the disposal of the asset.¶
- → The appropriate paperwork shall be completed by the Ship Asset process when Leased Assets are being returned to the Lessor.¶
- → The appropriate paperwork shall be completed by the Asset Resale process when an Asset is being re-sold.¶
- → The appropriate paperwork shall be completed by the Disposal Agent during the Asset Pick-Up process.¶
- → All Disposal Paperwork shall be filed and retained as required by the client contract and applicable Capgemini finance and commercial policies.¶

Comment [MEM4]: voice¶

Comment [MEM5]: tense voice¶

Comment [MEM6]: voice tense¶

Comment [MEM7]: voice¶

Comment [MEM8]: voice tense¶

Comment [MEM9]: voice tense¶

Comment [MEM10]: again and again¶

Comment [MEM11]: fix this also¶

Reading level 12.0

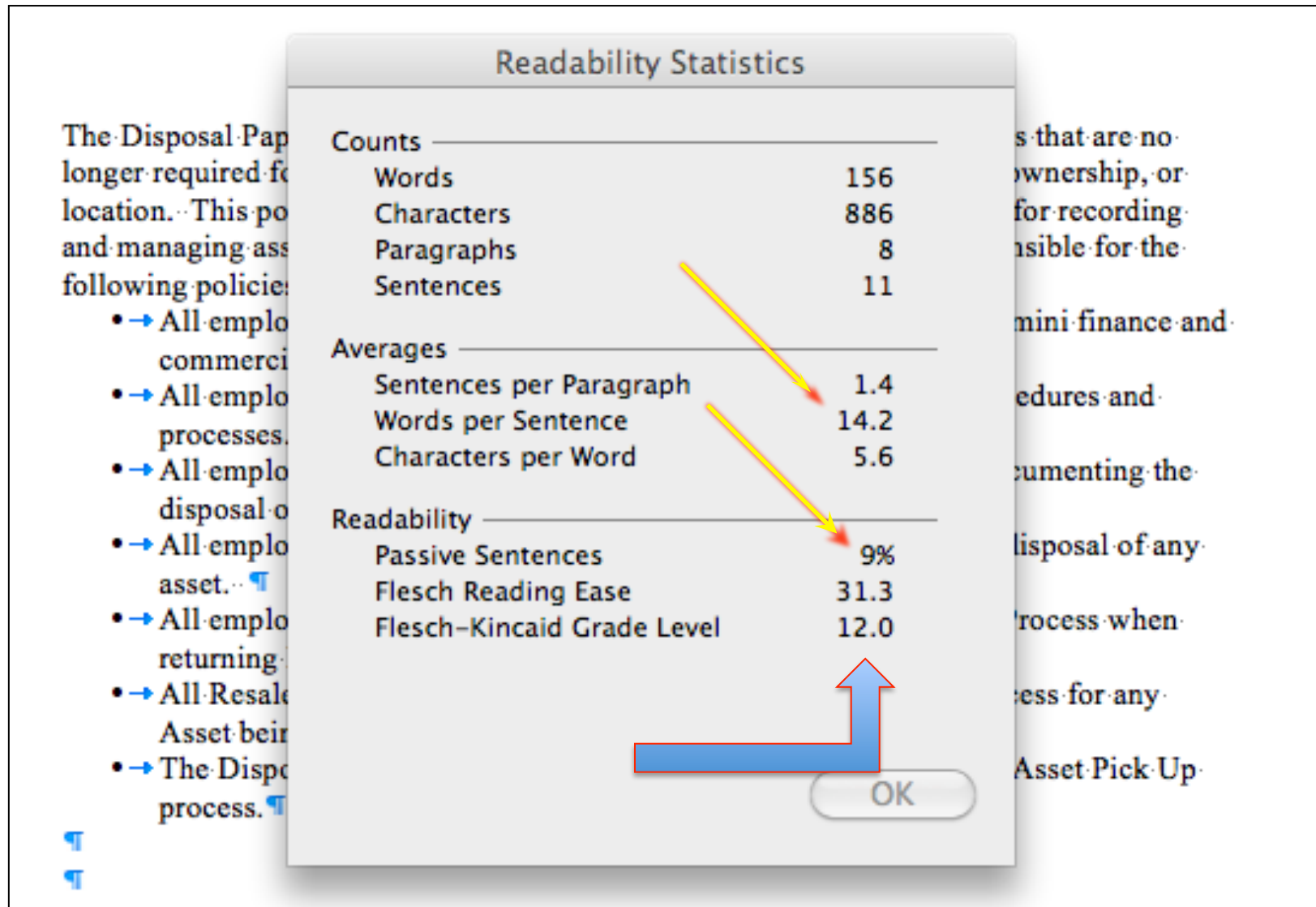
The Disposal Paper is no longer required for this location. This position and managing assets following policies:

- → All employees commercial
- → All employees processes.
- → All employees disposal of
- → All employees asset. ¶
- → All employees returning.
- → All Resale Asset being
- → The Disposal process. ¶

Readability Statistics

Counts	
Words	156
Characters	886
Paragraphs	8
Sentences	11
Averages	
Sentences per Paragraph	1.4
Words per Sentence	14.2
Characters per Word	5.6
Readability	
Passive Sentences	9%
Flesch Reading Ease	31.3
Flesch-Kincaid Grade Level	12.0

OK



The background document text is partially visible on the left and right sides of the dialog box. On the left, it lists policies for asset disposal. On the right, it mentions 'mini finance and' and 'cedures and'.



**“YOU MUST COMMENT
YOUR CODE”**



file | 26 lines (21 sloc) | 1.016 kb

Edit

Raw

Blame

History

```
1 # -*- encoding: utf-8 -*-
2 $:.push File.expand_path("../lib", __FILE__)
3
4 Gem::Specification.new do |s|
5   s.name          = "ruby-readability"
6   s.version       = '0.5.7'
7   s.authors      = ["Andrew Cantino", "starrhorne", "libc", "Kyle Maxwell"]
8   s.email        = ["andrew@iterationlabs.com"]
9   s.homepage     = "http://github.com/cantino/ruby-readability"
10  s.summary       = %q{Port of arc90's readability project to ruby}
11  s.description   = %q{Port of arc90's readability project to ruby}
12
13  s.rubyforge_project = "ruby-readability"
14
15  s.files         = `git ls-files`.split("\n")
16  s.test_files    = `git ls-files -- {test,spec,features}/*`.split("\n")
17  s.executables   = `git ls-files -- bin/*`.split("\n").map{ |f| File.basename(f) }
18  s.require_paths = ["lib"]
19
20  s.add_development_dependency "rspec", ">= 2.8"
21  s.add_development_dependency "rspec-expectations", ">= 2.8"
22  s.add_development_dependency "rr", ">= 1.0"
23  s.add_dependency 'nokogiri', '>= 1.4.2'
24  s.add_dependency 'guess_html_encoding', '>= 0.0.4'
25 end
```

Same
Summary and
Description

When you bargain for your rights,
do not leave money on the table.

```
Gem::Specification.new do |s|
  s.name          = "ruby-readability"
  s.version       = '0.5.7'
  s.authors      = ["Andrew Cantino", "starrhorne", "libc", "Kyle Maxwell"]
  s.email        = ["andrew@iterationlabs.com"]
  s.homepage     = "http://github.com/"
  s.summary      = %q{Port of arc90's readability project to ruby}
  s.description  = %q{Port of arc90's readability project to ruby}

  s.rubyforge_project = "ruby-readability"

  s.files        = `git ls-files`.split("\n")
```



Oh, Jane.
Look and See.
See Sally go.
See Sally pull the wagon.

See Sally work.

Sally plans her
work.

Run, Sally, run.



Create Online Account

**Your password must be 8-32 characters ...
... except the following < > () { } &.**

Note: If your email account has a SPAM blocker, you must set it to allow incoming messages from the following address in order to receive confirmation of your account set-up: CustomerService@salliemae.com.

If you have an established Sallie Mae user ID please login using that user ID, as our system will prevent you from creating another user id. Please click on the CANCEL button to return to the login-in page, where you can log in with your already established user ID and password.

Please complete the fields below and click on the NEXT button to begin creating your online account.

Log-in Information

All fields are required.

User ID:

Password:


Confirm Password:

Your password must be 8-32 characters long and contain at least one letter and one number. You may use any alphanumeric or special character that can be directly typed from a standard keyboard except the following: < > () { } &. Please be aware that passwords are case-sensitive.

Profile Information

In order to provide authorization into your account, please enter the information below. Fields marked with an asterisk (*) are required.

* Enter either your Social Security number or your Sallie Mae® account number (if you have one).

☒ Social Security Number: - - 



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If you have an established Sallie Mae user ID please login using that user ID, as our system will prevent you from creating another user id. Please click on the CANCEL button to return to the login-in page, where you can log in with your already established user ID and password.

Please complete the fields below and click on the NEXT button to begin creating your online account.

Log-in Information

All fields are required.

User ID:

Password:

Confirm Password:

Your user ID must be 6 to 62 characters in length. You can use any combination of letters, numbers, and these special characters (@-._~). Email addresses are also acceptable.

Profile Information

In order to provide authorization into your account, please enter the information below.

Fields marked with an asterisk (*) are required.

* Enter either your Social Security number or your Sallie Mae® account number (if you have one).

CONSEQUENCES

**UNDERSTANDABLE
OUTSELLS
INCOMPREHENSIBLE**

Millington's Rule

**If you are following the manual,
then you are not using
the current version.**

Contact Information

- uszik11@gmail.com
- NecessaryFacts.blogspot.com