The Next Gen Journal Sofia Mercado David Vazquez

Agenda

- ★ Learn about Rednotebook
- ★ Breakdown on specific functions
- ★ Demonstration
- ★ Hand-Ons Activity
- ★ Q&A

What is RedNotebook?

RedNotebook is a graphical diary and journal helping you keep track of notes and thoughts. It includes calendar navigation, customizable templates, export functionality and word clouds. You also can format, tag and search your entries.

Intro to Program



- Go to <u>http://rednotebook.sourceforge.net/</u>
- ➤ "Downloads"
- Select for System

Basic Features

*	#Hashtags
	Format your text bold, italic or underlined
	Insert Images, files and links to websites
	Links and mail addresses are recognized automatically
	Spell Check
	Live-Search
	Automatic saving
	Backup to zip archive
	Word Clouds with most often used words and tags
	Templates
	Export the journal to plain text, HTML, Latex or PDF
	The data is stored in plain text file <mark>s</mark> , no database is needed
	Translated into more than 30 languages

#Hashtags

- The hashtag feature allows for the user to set a specific tag for a journal entry
- Makes it easier for later call back of information
- Can be used in sync with exporting features to exchange journals with others
- Advanced tagging mechanisms that allows for subtags
 - Movies -> Zootopia
- Can be formatted to be **bold**, *italic*, etc.

Live-Search/Wordcloud

- The unique feature of live-search, which allows the user to browse and choose words based on frequency in the journal
- The wordcloud feature acts as the glossary of all entries making it easier to navigate between entries by key words.

Shortcuts

General

- Show help = <Ctrl> + H
- \succ Find = <Ctrl> +F
- Export = <Ctrl> + E
- Spellcheck = F7
- Fulscreen = F11
- New Tag =<Ctrl> + N
- Navigation
 - Go back one day = <Ctrl> + PageUp
 - Go forward one day = <Ctrl> + PageDown
 - Go today = <Alt> + Home(Posl)

- Format
 - \succ Bold = <Ctrl> + B
 - \succ Italic = <Ctrl> + |
 - Monospace = <Ctrl> + M
 - Underline = <Ctrl> + I
 - Strikethrough = <Ctrl> + K
 - Remove Format = <Ctrl> + R

Works (Edit Mode)

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2 - Rapid Research - Data Innovations siness/corporate term for a one-page document that summarizes a large issue, topic or plan. The highlight the most important pieces of information in a digestible manner so that the reader can be the relevant details of the "big picture." ers ""http://kopywritingkourse.com/one-pager-examples/""] 5 - Simple Encryption ocess of encoding messages to keep them secret, so only "authorized" parties can read it ocess that reverses encryption, taking a secret message and reproducing the original plain text eric term for a technique (or algorithm) that performs encryption a technique for encryption that shifts the alphabet by some number of characters ion Cipher :: an encoding technique that maps each letter of the alphabet randomly to different ion **: when you attempt to decode a secret message without knowing all the specifics of the cipher, the encryption is ... a technique that is based on how frequently certain letters appear in English versus others 6 - Encryption with Keys and Passwords Vee-zha-nair)**: a method of encrypting text by applying a series of Caesar ciphers based on the Pictures/Vigenère square shading.svg ...png Hard": a "hard" problem for a computer is one in which it can not arrive at a solution in a reasonable 7 - Public Key Cryptography ")": the name of the mathematical operation. Modulo gives the remainder from dividing two numbers vption **: a type of cryptographic based on algorithms that requires two keys -- one of which is secret hich is public (freely known to others). lue that can be used to encrypt a message. However, only when combined with a mathematicallythe message be decrypted complementary key to a public key that is used to decrypt a message

CSP #cipher #encryption #decryption #data

 Include links to outside sources for a richer learning experience

 Program allows for customization of entry

Works (Preview Mode)

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Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
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17-01-31 = Unit 4: Big Data and Privacy

Text

maacquute.

Unit 4: Lesson 2 - Rapid Research - Data Innovations

 One-pager: A business/corporate term for a one-page document that summarizes a large issue, topic or plan. The purpose is to distill and highlight the most important pieces of information in a digestible manner so that the reader can be quickly acquainted with the relevant details of the "big picture."
 Examples of One-Pagers

Unit 4: Lesson 5 - Simple Encryption

Encryption: a process of encoding messages to keep them secret, so only "authorized" parties can read it Decryption: a process that reverses encryption, taking a secret message and reproducing the original plain text Gipher: the generic term for a technique (or algorithm) that performs encryption

4) Caesar's Cipher: a technique for encryption that shifts the alphabet by some number of characters 5) Random Substitution Cipher: an encoding technique that maps each letter of the alphabet randomly to different letters or characters

6) Cracking encryption: when you attempt to decode a secret message without knowing all the specifics of the cipher, you are trying to crack the encryption

7) Frequency analysis: a technique that is based on how frequently certain letters appear in English versus others

Unit 4: Lesson 6 - Encryption with Keys and Passwords

1) Vigenere cipher (Vee-zha-nair): a method of encrypting text by applying a series of Caesar ciphers based on the letters of a keyword

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 Use of tags leads to customization

> Allows for rapid searching

 Inclusion of visual enables visual learner — such as I — to better grasp topics

Demonstration

- Open up rednotebook and access account
- Follow Walkthrough
 - > Tips
 - Change font (Overall or "=")
 - General Formatting
 - How to Export

Hands-On

Task

Set Up an Entry

- i. Title it SCALE 15x
- ii. What has been your favorite booth of the day?
- iii. What would you recommend others to go to?
- iv. Aside from RedNotebook, what is your favorite program to use?
- v. Format it (use line breaks, **bold**, and different font SiZeS)
- vi. Create Hashtag #NextGen
- Go to <u>http://www.digitalolass.info/nextgen-journal/</u>
- Export file as HTML and Upload onto site

Implications for Education

- Organization
 - Tagging, Formatting, Annotating, Calendar
- Convenient
- Cost-Effective
- Environmentally Friendly
 - Reduces use of paper
 - Waste



