



**TITLE: Project Management À La Carte: OpenSource**

# **Project Management À La Carte: OpenSource**

**“Organizing Complexity Using A Web-Server-In-A-Box  
and MediaWiki”**

# **TABLE OF CONTENTS:**

- (1) Preamble
- (2) Art of Design: The T-Shirt
- (3) Introduction to XAMPP
- (4) Introduction to WikiMedia
- (5) Introduction to LibreOffice
- (6) Review



**THANK YOU**

## **“SHOUT OUTS”**

IEEE Consultants Network of NH ("CNET")  
[www.consultantsnh.org](http://www.consultantsnh.org)

IEEE (Institute of Electrical and Electronics Engineers)  
[www.ieee.org](http://www.ieee.org)

abi Innovation Hub  
[www.abihub.org](http://www.abihub.org)

University of Southern Maine  
[www.usm.maine.edu](http://www.usm.maine.edu)

Brand X Custom T-Shirts  
[www.brandxstore.com](http://www.brandxstore.com)



# **NATHANIEL STEIER / NSTEIER LLC**

## **Nathaniel Steier**

Nathaniel Steier has a firm commitment to promoting Science, Technology, Engineering, and Mathematics [STEM] projects in New England.

With the advent of the communication revolution in the mid twentieth century onward, the world has become a much smaller place. Both the knowledge base, as well as competition, is on a global-scale.

It is an exciting time for electronics

**NSteier LLC specializes in:**

- **New Product Introduction**
- **Documentation Control / Configuration Management**
- **Tech Tutor**





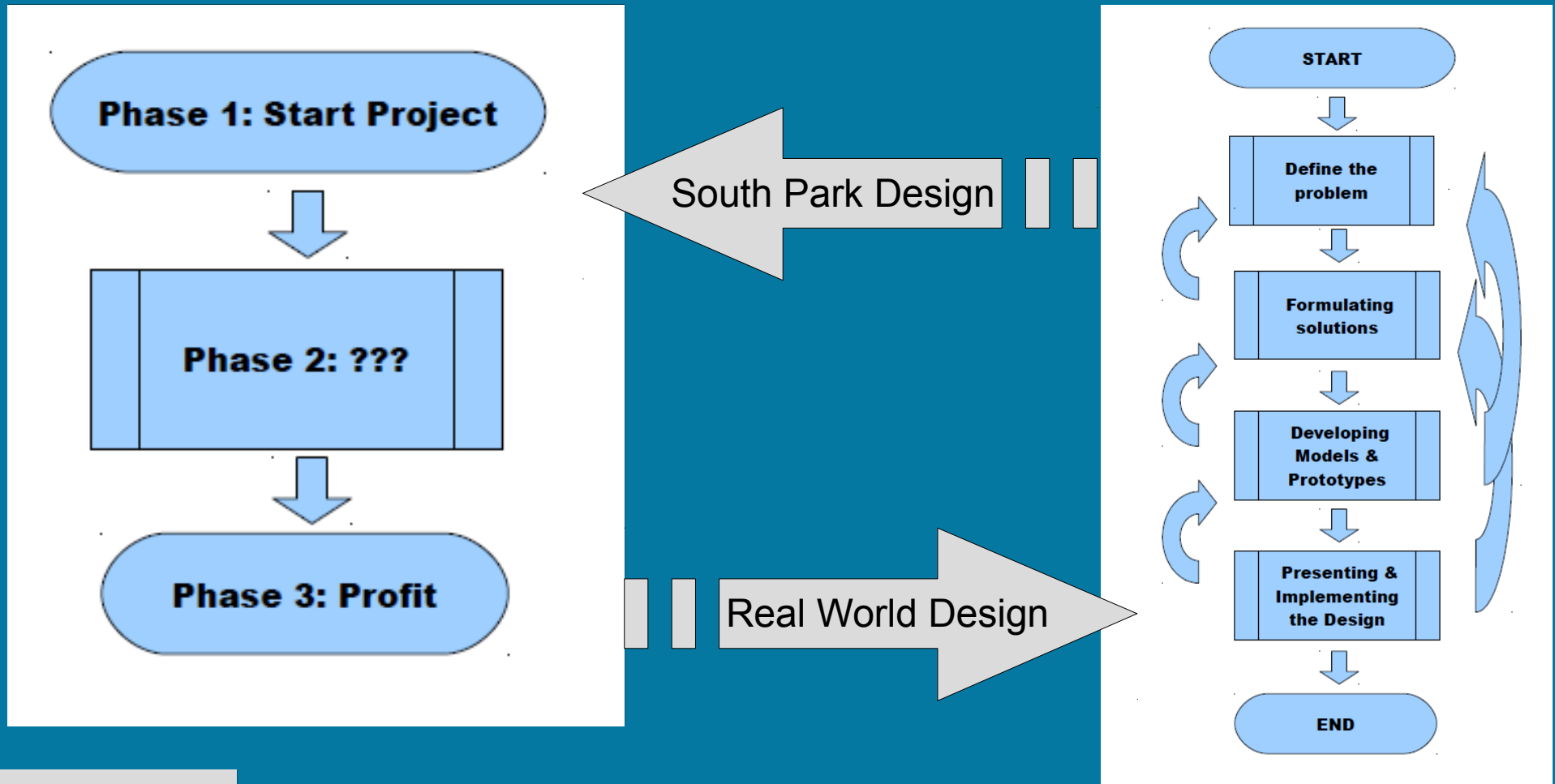
# **ART OF DESIGN: THE T-SHIRT**

- (1) Preamble
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# ART OF DESIGN

## ART OF DESIGN



**DESIGN IS ITERATIVE**

# WHAT IS MISSING HERE?

## **NSTEIER LLC** *New Product Introduction*

NSTEIER LLC  
134 Middle St Apt D  
Portsmouth, NH 03801-4354

### **CONTACT**

[P]: 207.329.8746  
[W]: [www.nsteier.com](http://www.nsteier.com)  
[E]: [nsteier@gmail.com](mailto:nsteier@gmail.com)

- [ ] New Product Introduction (NPI) for electronic products
- [ ] Documentation Control / Configuration Management
- [ ] Tech Tutor



# ART OF DESIGN : THE T-SHIRT

## GOAL



BrandXStore

Mill Ave Shop  
414 S. Mill Ave  
Suite 520  
Tempe, AZ 85281

Mon-Sat: 11am - 9pm  
Sun: Closed

[e]: [tshirts@brandxstore.com](mailto:tshirts@brandxstore.com)  
[t]: 480.200.2833  
[f]: 480.829.9672  
[w]: [www.brandxstore.com](http://www.brandxstore.com)

Contact: Amber

**NSteier LLC**

*New Product Introduction*

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# ART WORK COMPONENTS

- Front of T-Shirt
  - Logo
    - Need to export a high (300dpi) image out of Microsoft Word 2010
  - Company Name
    - Need to translate HTML heading markup to actual pixels and then inches
  - Company Slogan
    - Need to translate HTML heading markup to actual pixels and then inches
- Back of T-Shirt
  - ?



## T-SHIRT SIZING

# HOW LARGE IS “LARGE”?

	<b>GirlType</b>	<b>Unisex Type</b>	<b>Youth Type</b>
<b>Extra Small</b>	-	Unisex Extra Small – 12” W x 20” H	-
<b>Small</b>	Girls Small – 11” W x 18” H	Unisex Small – 13” W x 22” H	Youth Small – 13” W x 13” H
<b>Medium</b>	Girls Medium – 12” W x 19” H	Unisex Medium – 15” W x 23” H	Youth Medium – 13” W x 16” H
<b>Large</b>	Girls Large – 12” W x 20” H	Unisex Large – 17” W x 24” H	Youth Large – 14” W x 19” H
<b>Extra Large</b>	Girls Extra Large – 12” W x 21” H	-	-

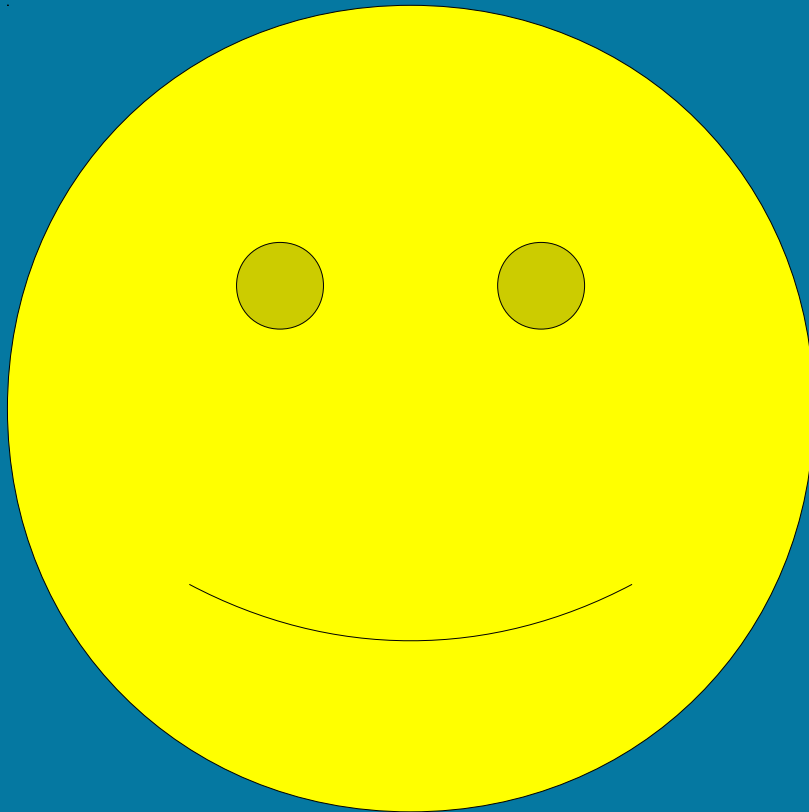


## T-SHIRT MATERIAL AND STYLE CHOICE

# T-SHIRT MATERIAL AND STYLE CHOICE

Material	Price
Gilden	\$
Hanes	\$\$
American Apparel	\$\$\$

# VECTOR VS. RASTER





## **TEXT ISSUE**

**ISSUE: company name and company slogan are both derived from website "nsteier\_com\_website\_text.gif"**

- This is a single graphic (\*.gif) and text data is not preserved
- Graphic was generated by a program, GText



## REVERSE ENGINEERING TEXT

# WHAT FONT IS THIS?

Item	Font	Size	Color
Company Name	Arial Bold	12 pt	#FE7404
Company Slogan	Arial Bold	8 pt	#003366



## **ARTWORK PROBLEM: DPI**

### **LIST ARTWORK PROBLEMS:**

- Original artwork was done using Microsoft Word 2010 and exists as a \*.docx file
- Need to export at 300dpi



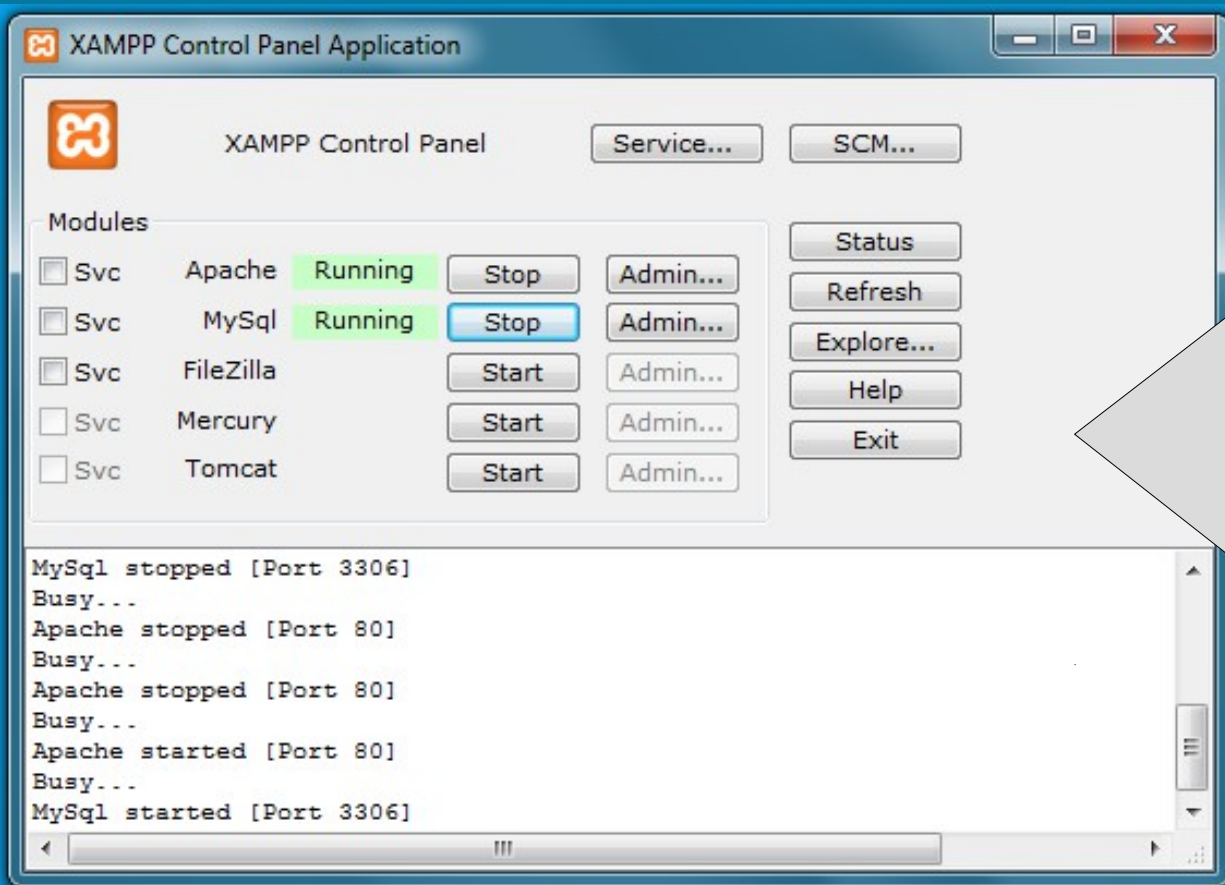
# HOW DO YOU SAY “ORANGE” IN HEXADECIMAL?

Component	HTML Hexadecimal	RGB Decimal
text field teal background	#0578A1	5.120.161
grey header left-hand side	#DBDBDC	219.219.220
company name: NSteier LLC	#FE7404	254.64.4
company slogan: New Product Introduction	#003366	0.51.102



**BOTTOM LINE**

# HOW DO YOU MANAGE THIS ITERATIVE DESIGN PROCESS?



**XAMPP**

**NSteier LLC**

New Product Introduction

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# INTRODUCTION TO XAMPP

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## COMPONENTS OF XAMPP

# XAMPP DECONSTRUCTED

Component	Function	Description
Apache	HyperText Transport Protocol(HTTP) Server	Most popular web server in the world!
MySql	Database Server	Persistent storage of data
FileZilla	File Transfer Protocol (FTP) Server	Server for uploading and downloading large files
Mercury	Mail Server	Responsible for sending and receiving e-mail
Tomcat	JavaServer Pages Server	Responsible for generating dynamic ("on-the-fly") webpages

# INTRODUCTION TO WIKIMEDIA

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# THE POWER OF WIKI

## WHAT YOU GET FOR FREE!

### WIKIPEDIA



<p><b>English</b> The Free Encyclopedia 3 907 000+ articles</p>	<p><b>日本語</b> フリー百科事典 799 000+ 記事</p>
<p><b>Español</b> La enciclopedia libre 879 000+ artículos</p>	<p><b>Deutsch</b> Die freie Enzyklopädie 1 383 000+ Artikel</p>
<p><b>Русский</b> Свободная энциклопедия 838 000+ статей</p>	<p><b>Français</b> L'encyclopédie libre 1 230 000+ articles</p>
<p><b>Italiano</b> L'enciclopedia libera 905 000+ voci</p>	<p><b>Polski</b> Wolna encyklopedia 887 000+ haseł</p>
<p><b>Português</b> A enciclopédia livre 718 000+ artigos</p>	<p><b>中文</b> 自由的百科全書 429 000+ 條目</p>

search • suchen • rechercher • zoeken • ricerca • szukaj • buscar • поиск • 検索 • busca • sök •  
 搜尋 • tìm kiếm • пошук • cerca • søk • haku • hledání • keresés • 찾기 • cari • ara • جستجو • căutare •  
 •bilatu • іздеу • търсене • שינון • cari • poišči • paieška • претрага • serçu • søg • hl'adat' • بحث  
 suk • bilnga • traži • खोज

English



## NO-PAIN MARKUP

Wiki text	Result
' <i>italic</i> '	<i>italic</i>
' ' <b>bold</b> ' '	<b>bold</b>
==heading== ===level 2=== ====level 3==== =====level 4=====	Headings in different sizes
[[Link to another page]] [[Link different title]]	Internal Link to another page on the wiki
http://www.test.org [http://www.test.org Text]	External link Link with description

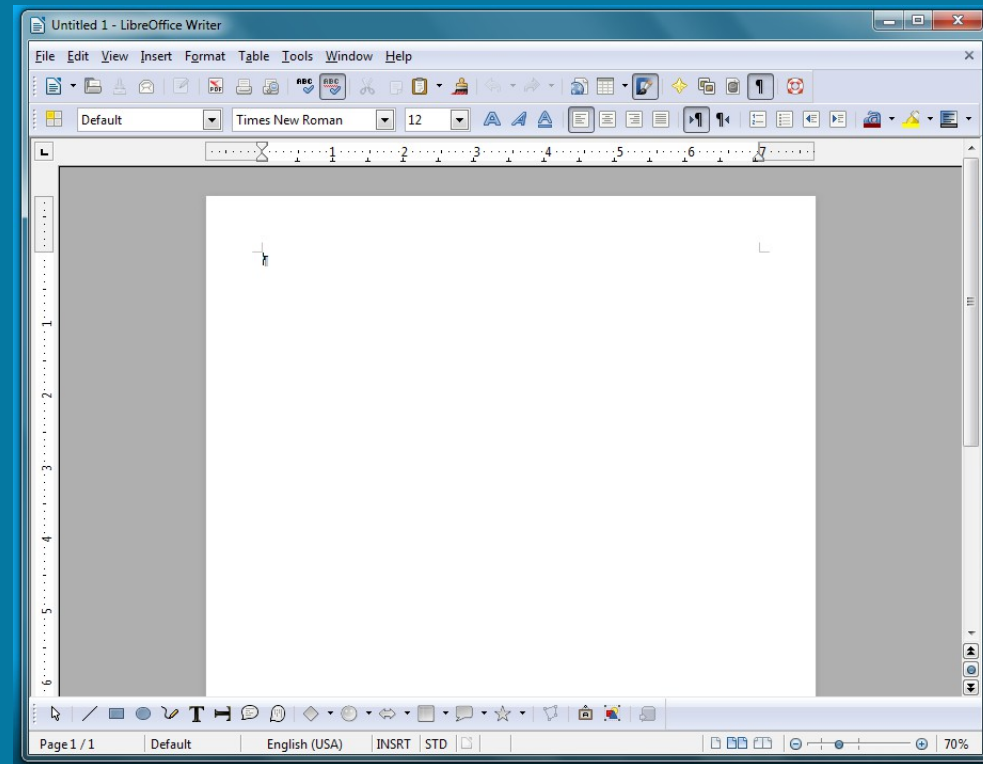
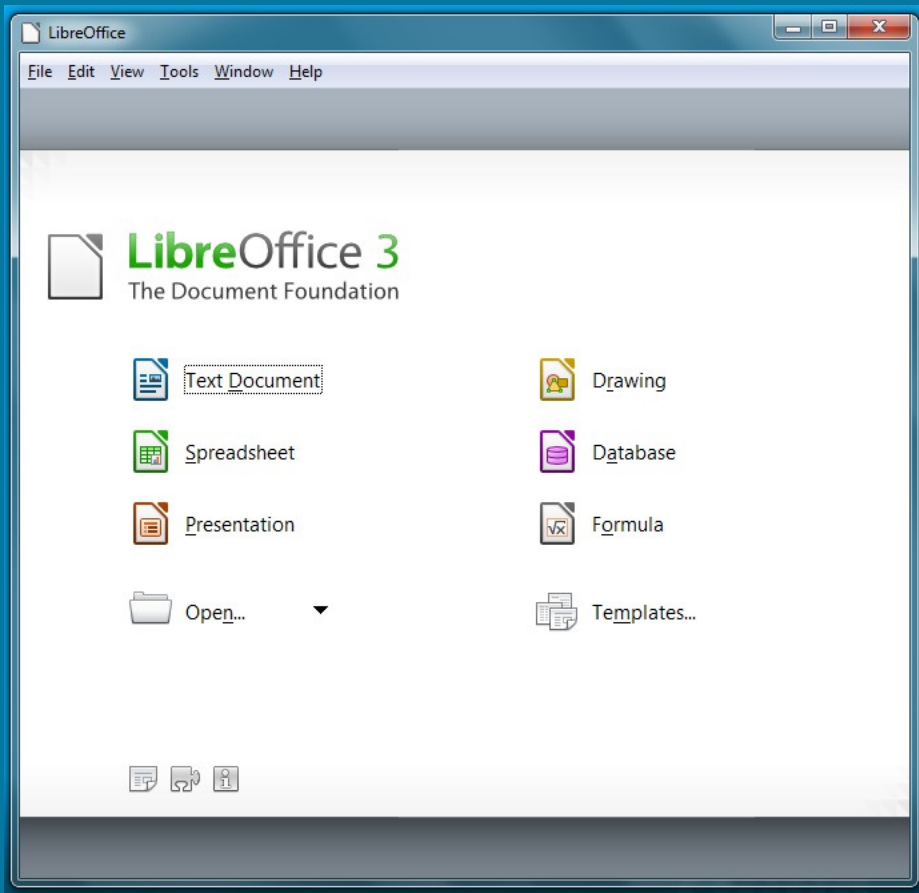
# INTRODUCTION TO LIBREOFFICE

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# INTRODUCTION TO LIBREOFFICE

# OFFICE PROGRAMS IN-A-BOX: \$0.00





## COMPONENTS OF LIBREOFFICE

# LIBREOFFICE DECONSTRUCTED

Program	LibreOffice	Microsoft Office
Word Processing	Writer	Word
Spreadsheet	Calc	Excel
Presentation	Impress	PowerPoint
Drawing	Draw	Publisher
Database	Base	Access

# REVIEW

- (1) Art of Design: The T-Shirt
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**SEMPER GUMBY**

# LATIN FOR “ALWAYS BE FLEXIBLE”

## Track & Confirm

GET EMAIL UPDATES

PRINT DETAILS

YOUR LABEL NUMBER	SERVICE	STATUS OF YOUR ITEM	DATE & TIME	LOCATION	FEATURES
9405510200883362415813	Priority Mail®	Delivered	May 02, 2012, 10:19 am	PORTSMOUTH, NH 03801	Expected Delivery By: April 30, 2012 Delivery Confirmation™
		Arrival at Post Office	May 02, 2012, 4:12 am	PORTSMOUTH, NH 03801	
		Processed through USPS Sort Facility	May 01, 2012, 10:58 pm	NASHUA, NH 03063	
		Depart USPS Sort Facility	May 01, 2012	COPPELL, TX 75099	
		Processed through USPS Sort Facility	April 30, 2012, 6:55 pm	COPPELL, TX 75099	
		Processed through USPS Sort Facility	April 29, 2012, 3:01 am	DALLAS, TX 75260	
		Electronic Shipping Info Received	April 28, 2012		
		Depart USPS Sort Facility	April 28, 2012	PHOENIX, AZ 85043	
		Processed at USPS Origin Sort Facility	April 27, 2012, 7:57 pm	PHOENIX, AZ 85043	
		Accepted at USPS Origin Sort Facility	April 27, 2012, 6:42 pm	TEMPE, AZ 85281	
		Acceptance	April 27, 2012, 11:34 am	TEMPE, AZ 85281	

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# T-SHIRT: CYBERSPACE



# T-SHIRT: MEATSPACE





**QUESTIONS**

**QUESTIONS**

