

STANDARD WIDGET TOOLKIT

Óscar Darías Plasencia
Sergio García de la Iglesia

INDEX

- **Introduction**

- What is SWT and why does it exist?
- Libraries
- SWT vs Swing
- How to use it
- Basics elements
- Creating a simple Eclipse plug-in using SWT

- **In deep**

- Creating a Java application using SWT
- Positioning widgets
- A bit more complex examples
- Event oriented programming
- Final examples

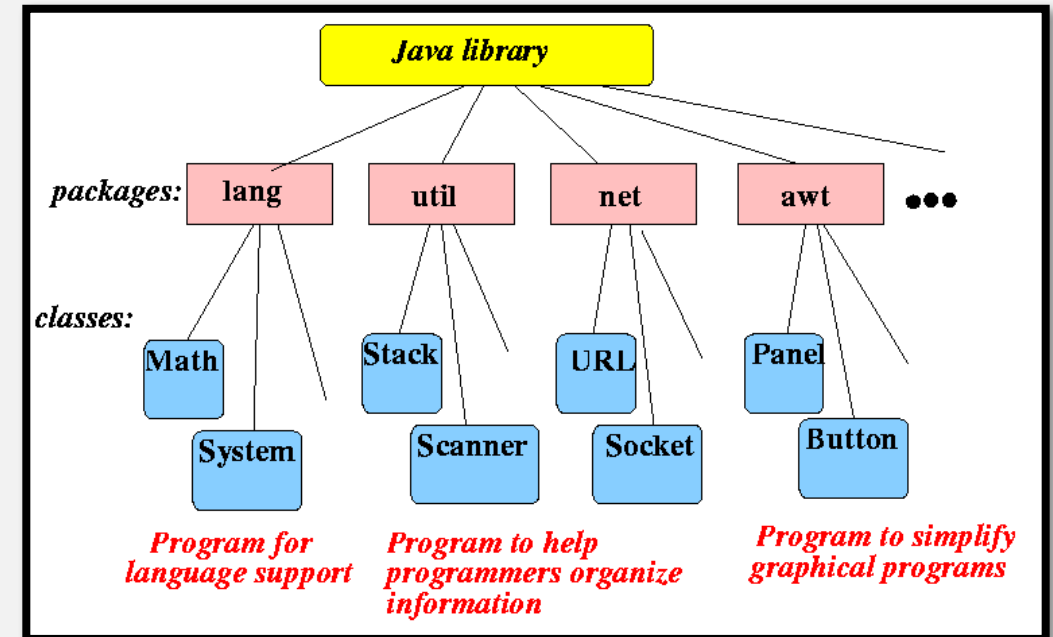
INTRODUCTION

I. WHAT IS SWT AND WHY DOES IT EXIST?

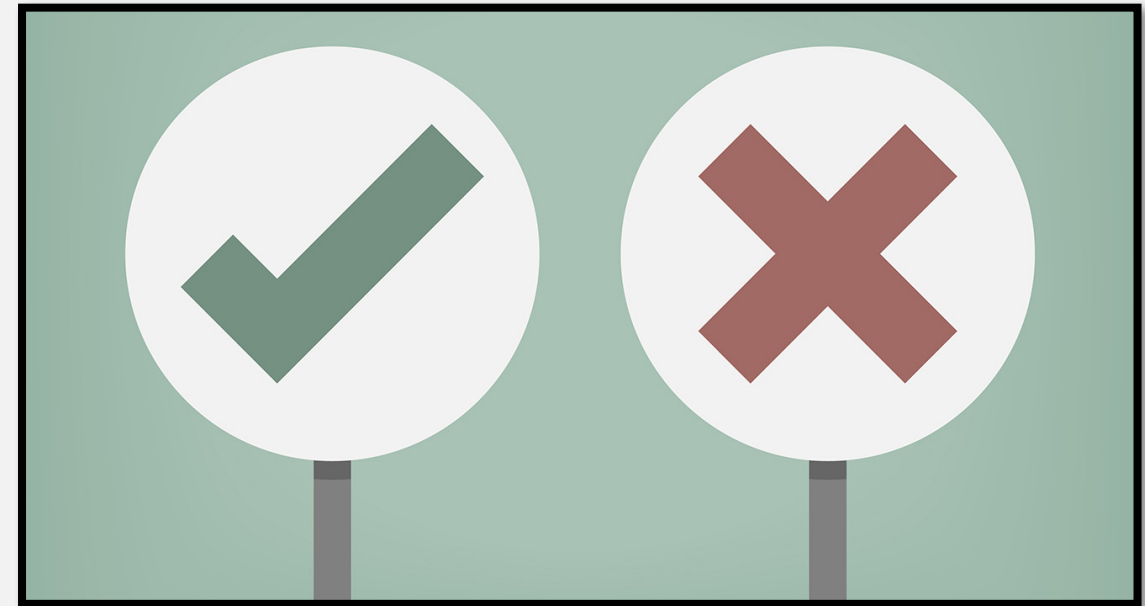
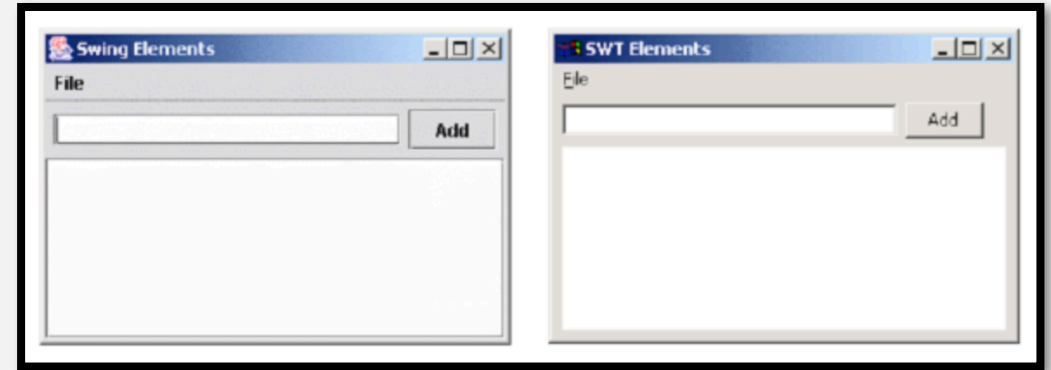
“Retrieves the original idea of the AWT library to use native components”



2. LIBRARIES



3. SWT VS SWING



4. HOW TO USE IT

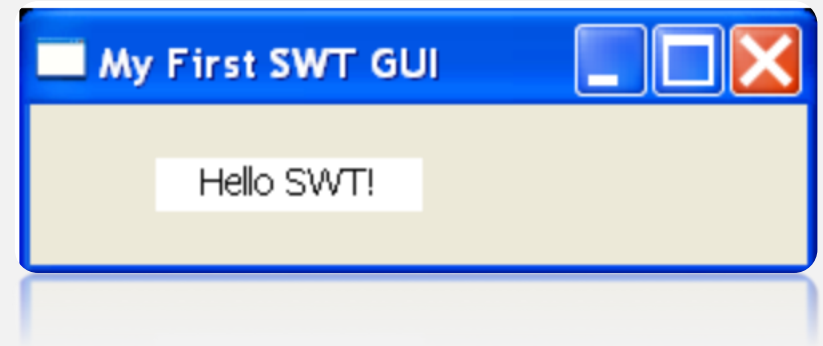
5. BASICS ELEMENTS

Shell

Display

Main Widgets

Basic Container



Line 2|



Combo

One

Button (SWT.PUSH)



DateTime

Jack and Jill went up
the hill to fetch a pail
of water, Jack fell
down and broke his
crown and Jill came
tumbling after!

Label

6. CREATING A SIMPLE ECLIPSE PLUG-IN USING SWT