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JavaOneSM

LAB-5540: Save Time : Build Desktop Applications Quickly with the NetBeans Platform

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NetBeans RCP

Instructor-Led Hands-on Labs

Instructor(s) will provide background for exercises

Exercises are self-paced

Hard-copy and online lab guides are available

Use suggested durations as a guide

Raise your hand at any time for assistance

To get the most out of the lab...

Read the lab guide, especially the background

Don't just copy and paste the solutions

Housekeeping

Before you leave, **please** fill out a survey and hand it to someone before you leave

We **really** want to know what you think!

Please log out of your machine when done

Please look around to make sure you have all of your belongings

The hard copies of the lab guides are yours to keep

Exercises

Exercise 1: Transform Swing App into RCP App

Expected duration: 20 minutes

Exercise 2: Extend the RCP Application Using NetBeans Development Support

Expected duration: 25 minutes

Exercise 3: Create New Module For Anagram App

Expected duration: 30 minutes

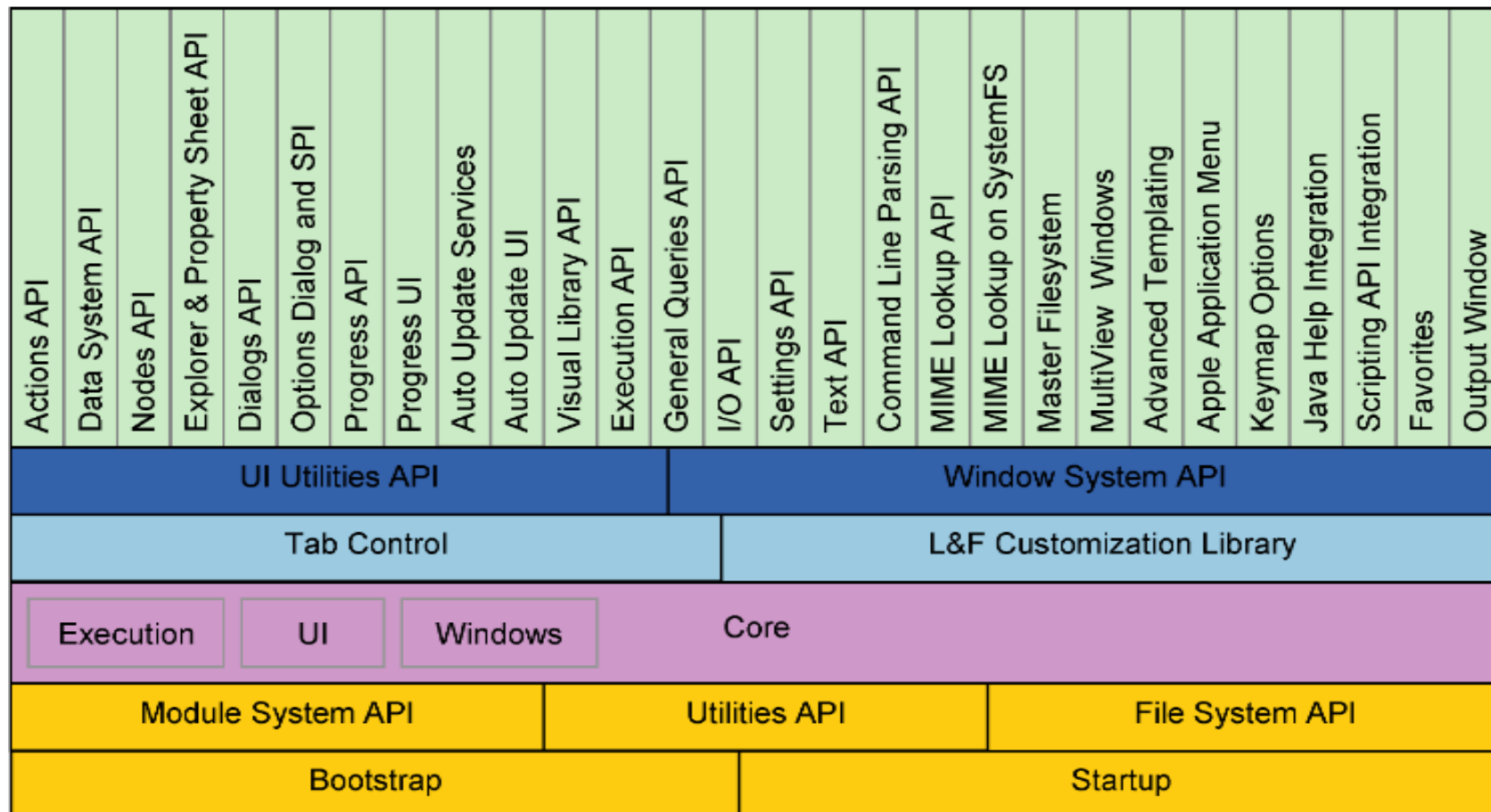
Exercise 4: Packaging, publishing, updating

Expected duration: 20 minutes

Why NetBeans Platform?

- > Don't reinvent the wheel
- > Reuse code from NetBeans Platform
- > Take advantage of 3rd party libraries
- > Build on top of Swing
- > Make your application modular
- > Focus on domain knowledge
- > Don't let your competition figure this out before you!

NetBeans Platform API



Why NetBeans Platform?

- > You will save time & money
- > You will benefit from platform updates
- > Your application will:
 - become modular
 - become updatable
 - look more professional
 - work on all platforms

Getting Started

If you have not logged in, log in with

username: [lab5540](#)

password: [hol009](#)

Online lab guide will open in a browser window

All necessary software and lab files are already installed on your lab machine

Start from [exercise 1](#)

Ex 1 - Transform Swing App into RCP App

What is Rich Client Platform?

- In this exercise you will transform AnagramGame into a application based on NetBeans RCP
- You will brand the application to look as you wish
- You will define the window system of application

Ex 2 - Extend the RCP app using NetBeans Development Support

> Actions

- You will learn how to create new action and menu items in your RCP application

> Dialogs

- How to invoke them

> Nodes

- We will use Nodes API to visualize best scores

Ex 3 - Create a Admin Module for Anagram Application

- > Module dependencies
 - Dependencies between modules
- > Options
 - Define options of the applications

Ex 4 - Packaging, publishing, updating

- > NetBeans NBM
 - Delivery of your module
- > Update Center
 - Where do you store the NBMs
- > Plugin Portal: <http://plugins.netbeans.org>

Congratulations!

You should now have completed this lab

If you would like more time to continue working, please consider taking the lab exercises with you

Discs containing all of the labs offered this year are available for you to take home

To save your work, please copy it to a USB drive or email it to yourself

The lab guide will tell you where to get help with this lab after JavaOne

Thank you for attending this hands-on lab!



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Thank You

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