Wrapping Up the ImageTaskGang Application Analysis



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Learning Objectives in this Part of the Lesson

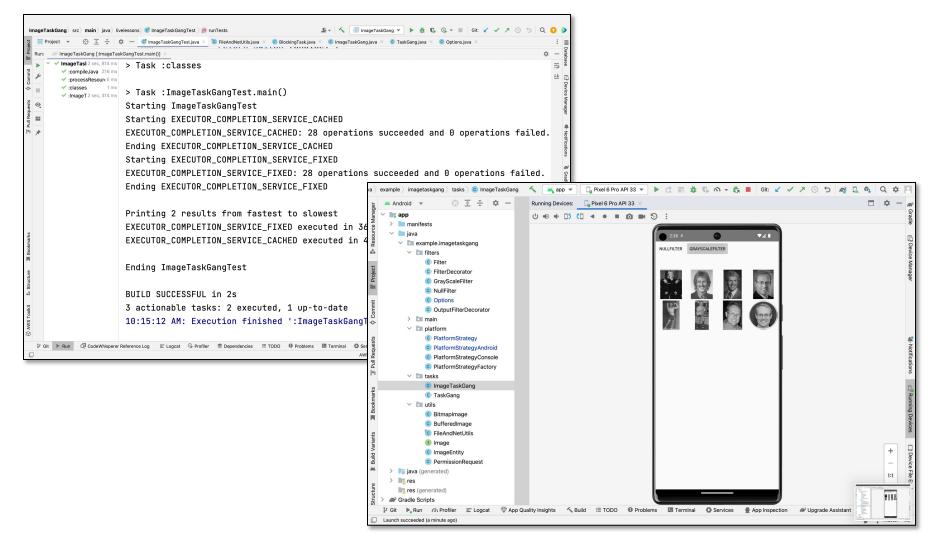
• Understand the implementation of the ImageTaskGangTest class

😋 🖌 ImageTaskGangTest	
💼 🚡 ImageTaskGangTest()	
<i>■</i> mFilters	Filter[]
🔊 🔒 runTests()	void
makelmageTaskGang(Filter[], List <list<url>>, TestsToRun)</list<url>	ImageTaskGang
🔊 🔒 warmUpThreadPool()	void
🔊 🖢 main(String[])	void

See ImageTaskGang/src/main/java/livelessons/ImageTaskGangTest.java

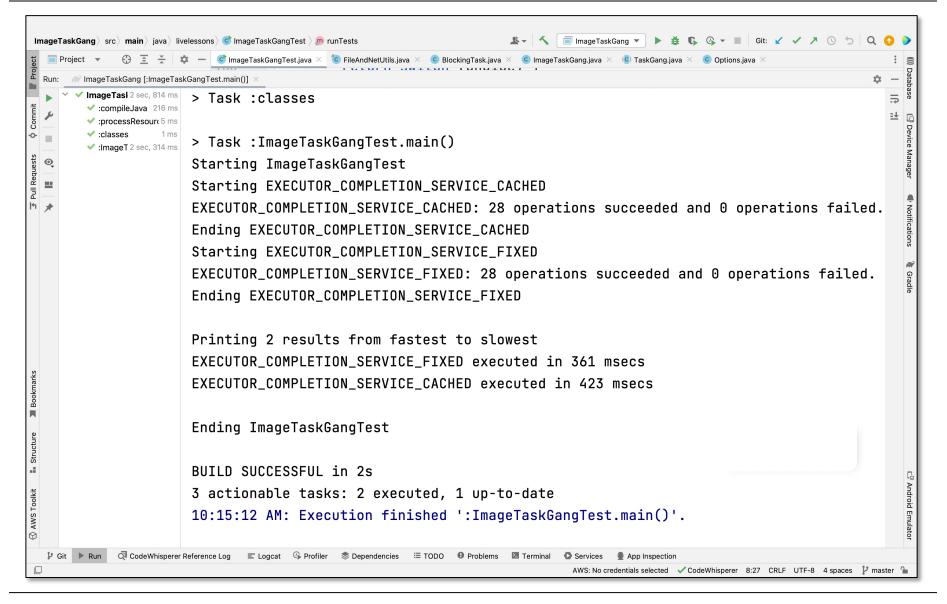
Learning Objectives in this Part of the Lesson

• Show the command-line & Android apps & summarize key points of the lesson



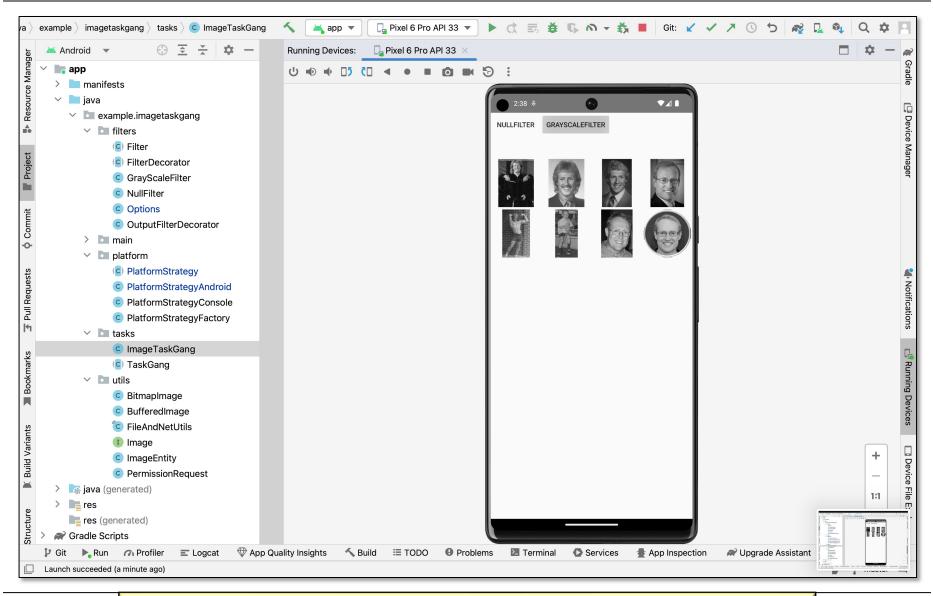
Running the ImageTaskGang Application

Running the ImageTaskGang Command-line App



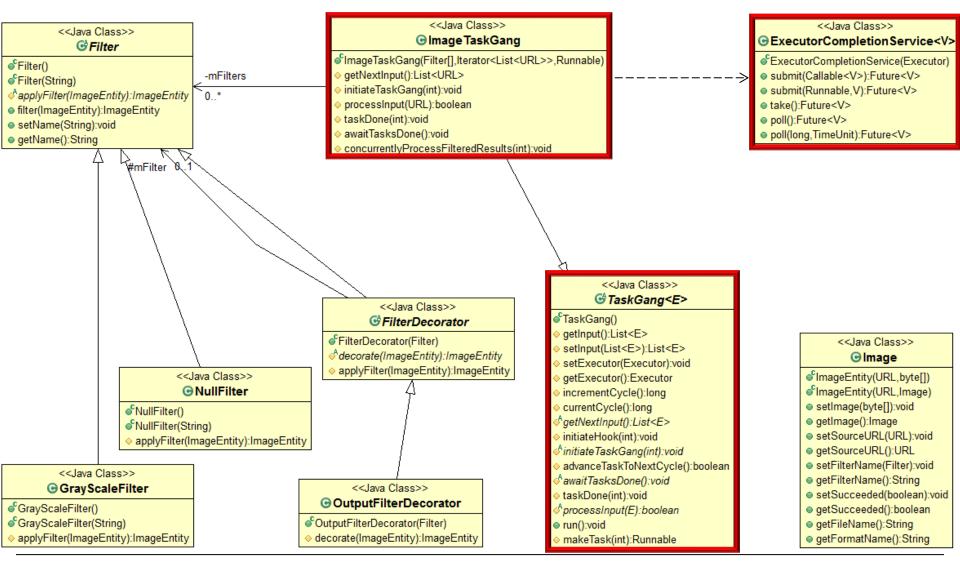
See github.com/douglascraigschmidt/LiveLessons/tree/master/ImageTaskGang

Running the ImageTaskGang Android App



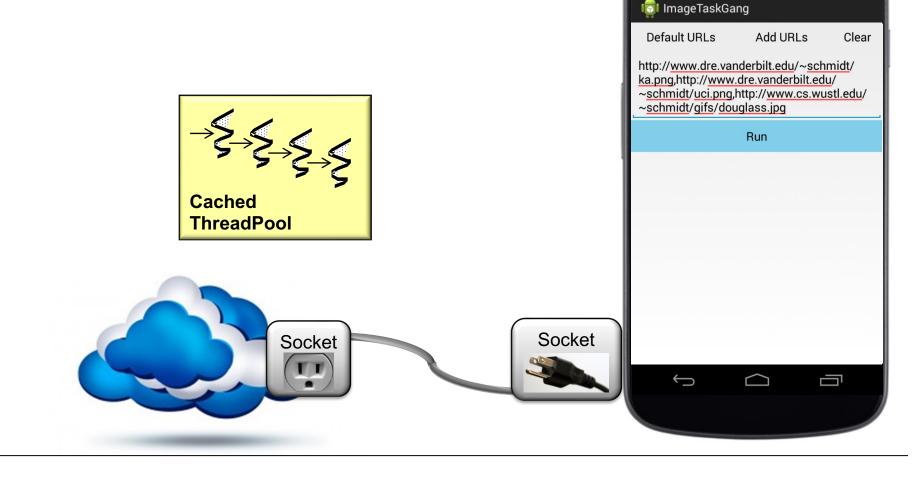
See Android version at <u>github.com/douglascraigschmidt/</u> <u>LiveLessons/tree/master/ImageTaskGangApplication</u>

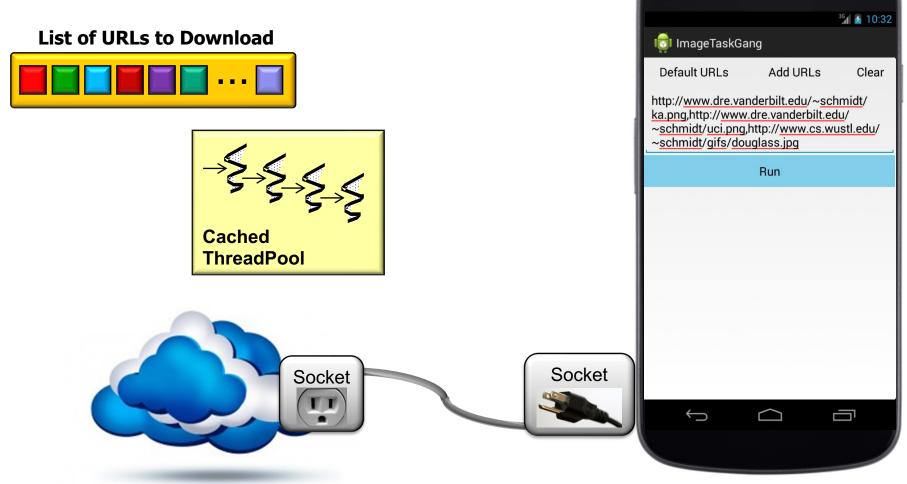
• Customizes the TaskGang framework & uses the Java Executor framework

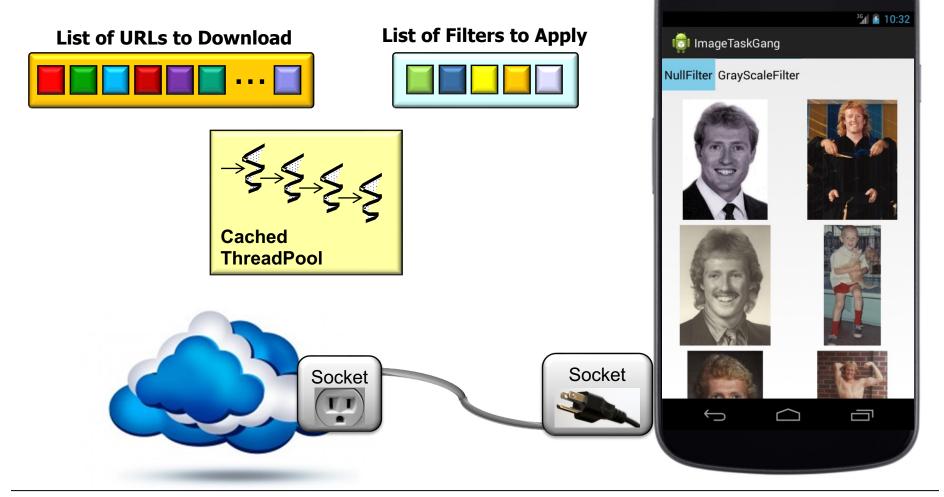


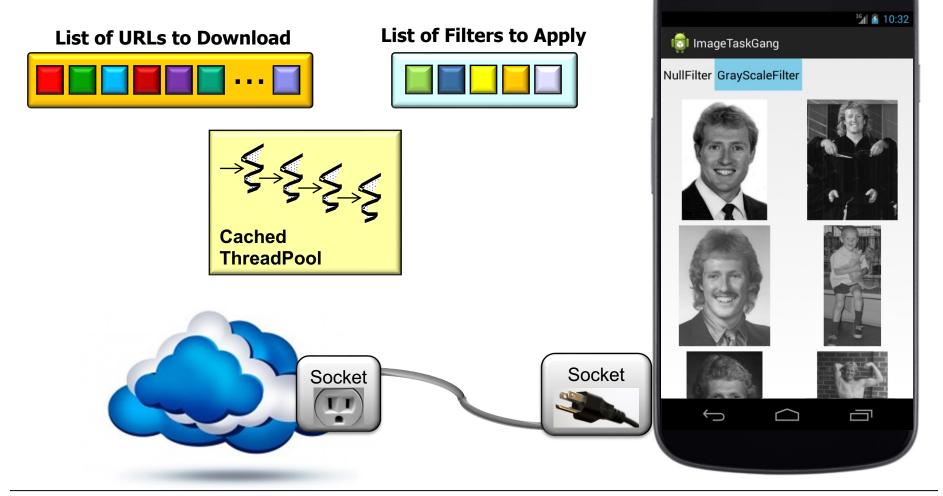
 Shows how TaskGang framework can be applied to download, process, store, & display images concurrently via the Java
ExecutorCompletionService

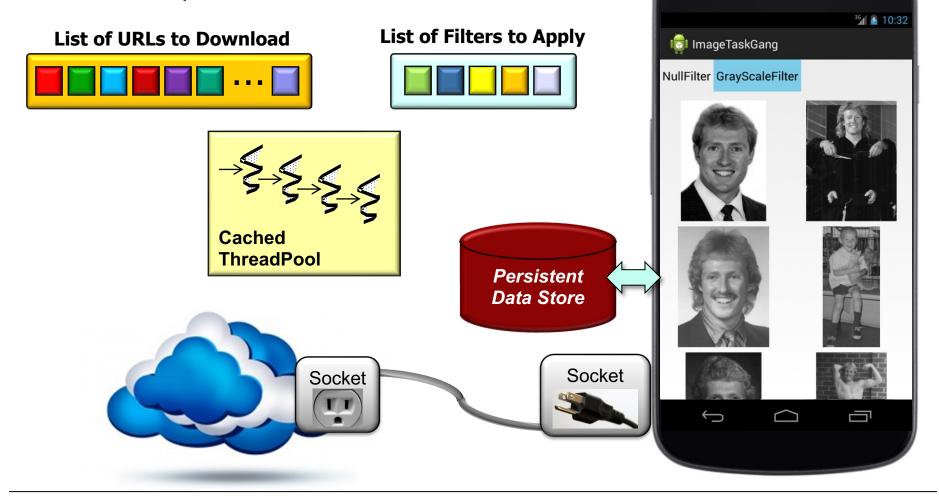
³⁶ 🖌 🗗 10:32



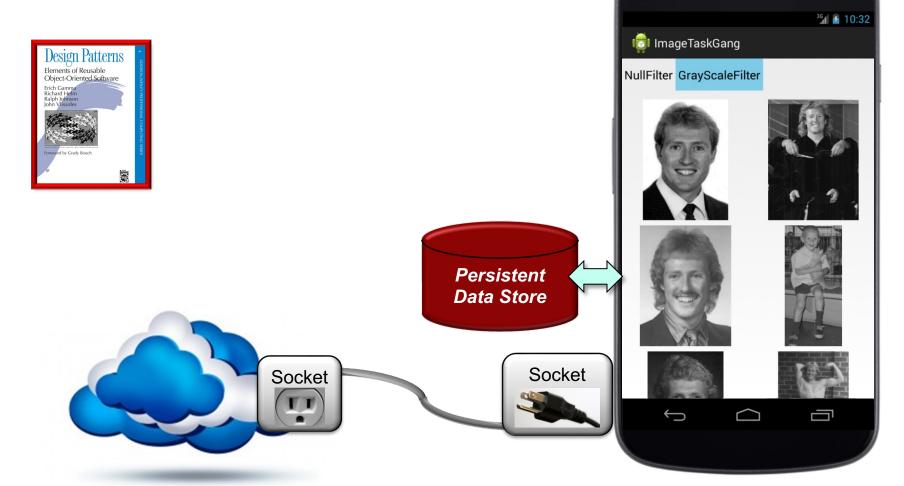






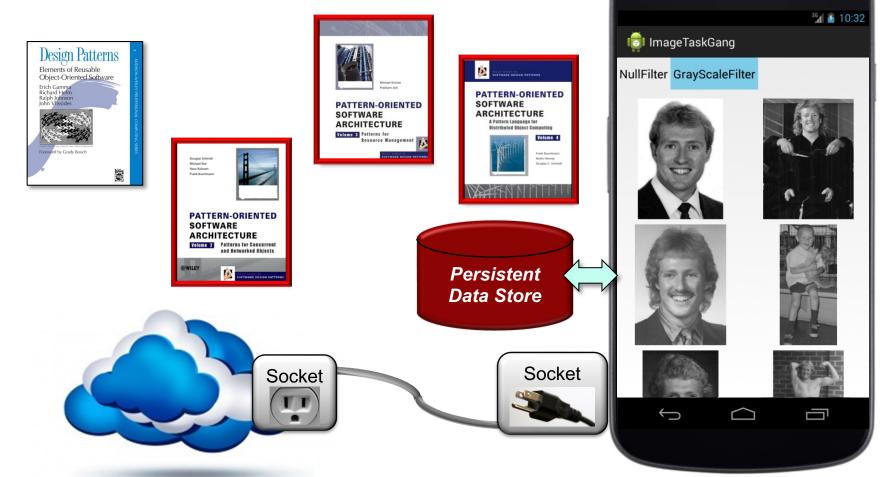


 Shows how TaskGang framework can be applied to download, process, store, & display images concurrently via the Java
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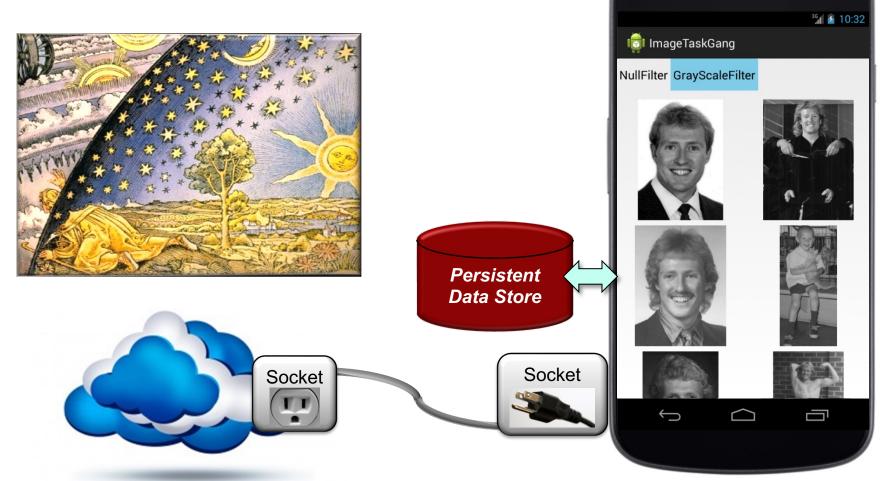
GoF & POSA patterns enhance app & framework reusability, flexibility, portability, & performance

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The knowledge of patterns simplifies the understanding of the ImageTaskGang app & framework & how to extend it

End of Wrapping Up the ImageTaskGang Application Analysis