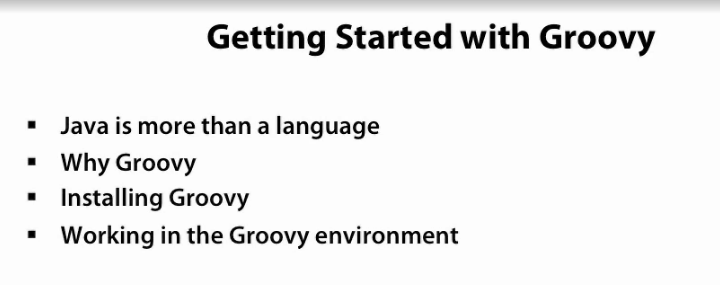
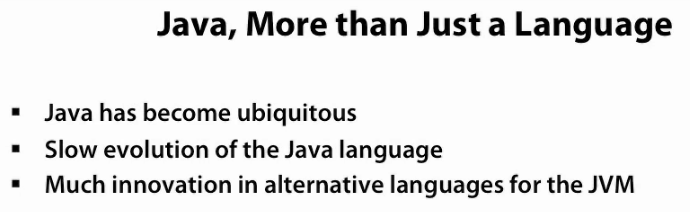
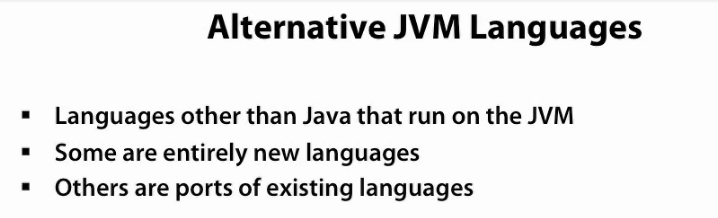
**Groovy Fundamentals**

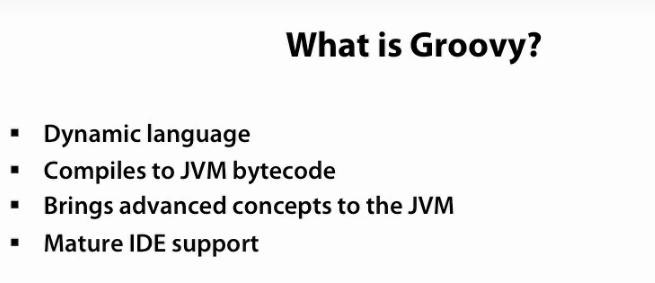
# Getting Started with Groovy

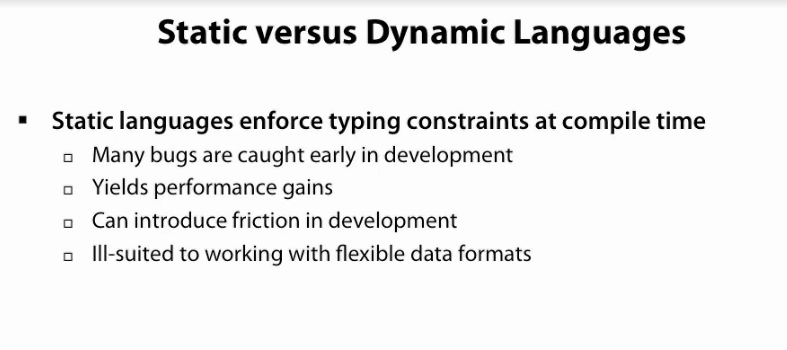
## Introduction

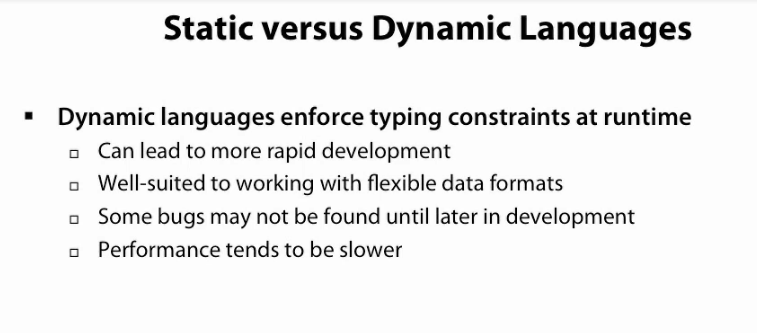




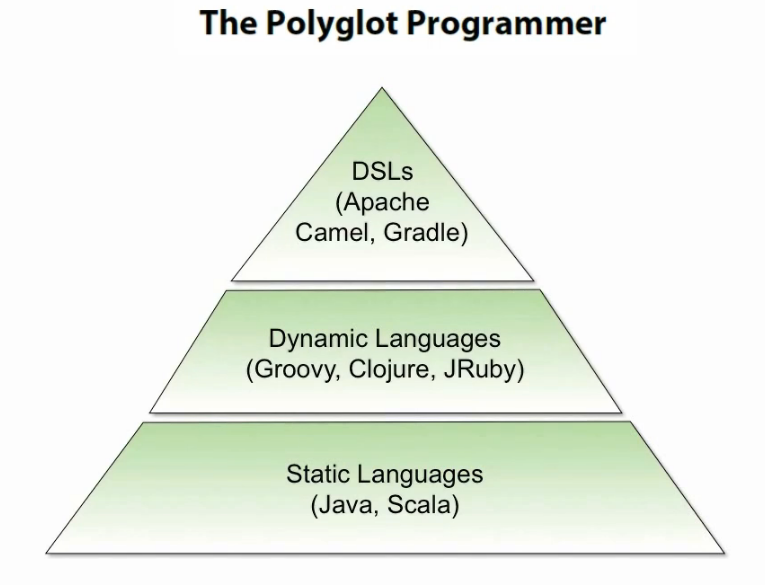


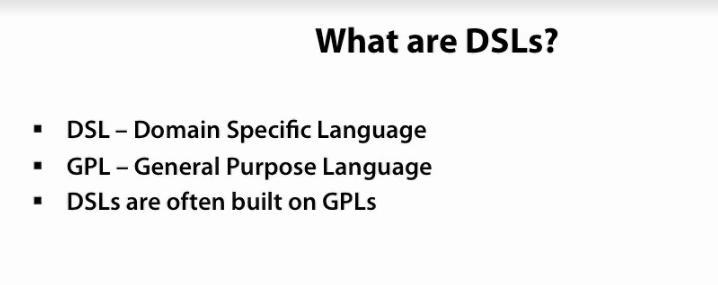


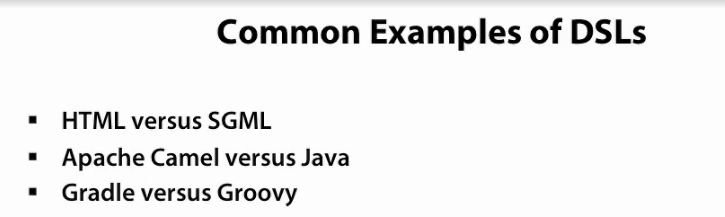




## Polyglot Programming







## Why Groovy

## Installation

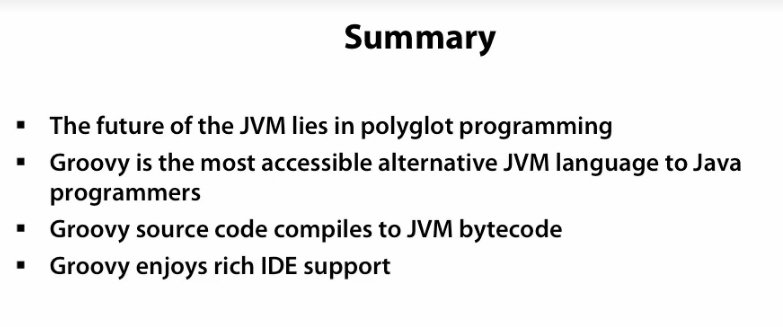
## Groovy Shell

groovysh

## Groovy Scripts

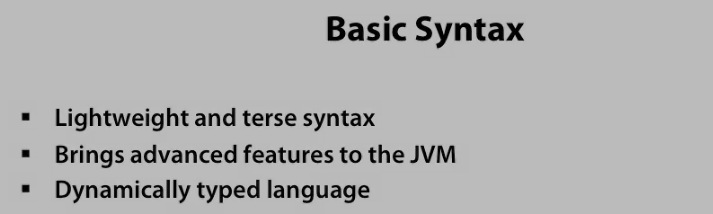
## IDEs

## Summary

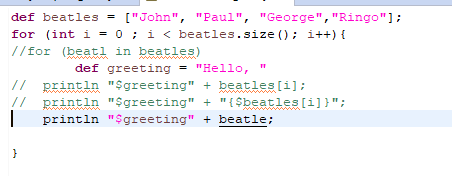


# Basic Syntax

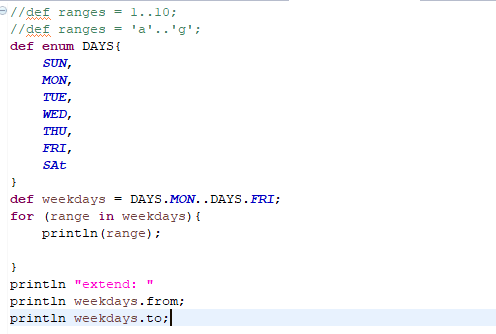
## Introduction



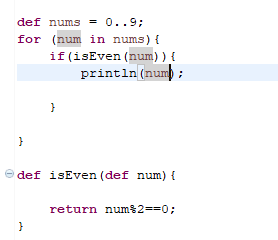
## Collections



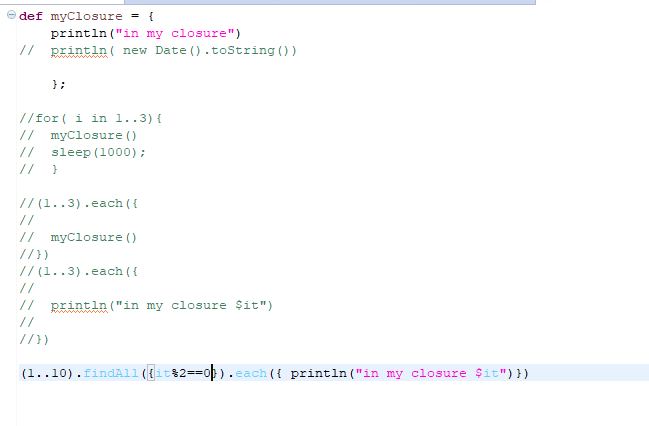
## Ranges



## Functions



## Closures

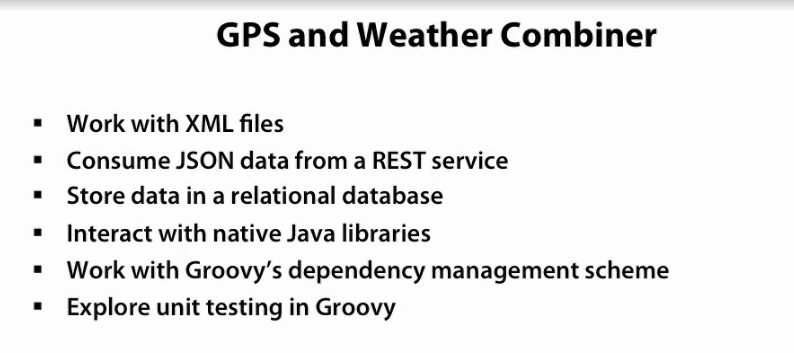


## Dynamic Capabilities

## Summary

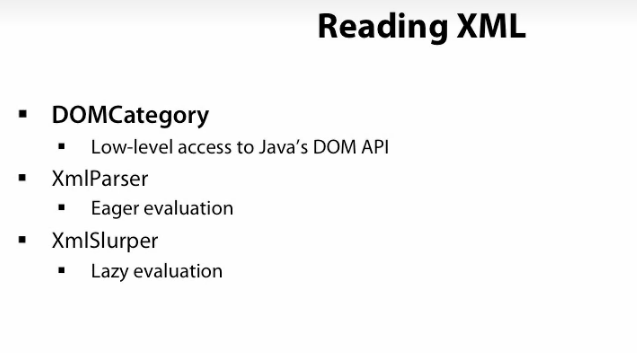
# Working with XML

## Introducing Our Sample Project



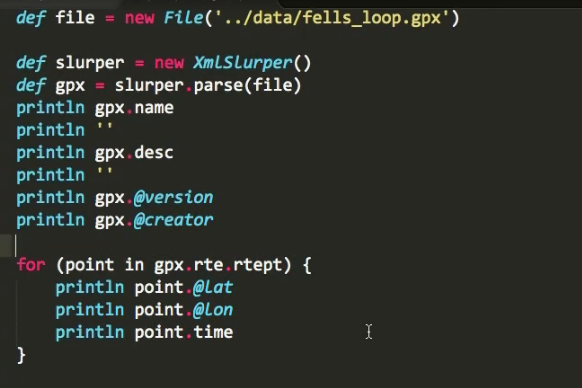
## The GPX File Format



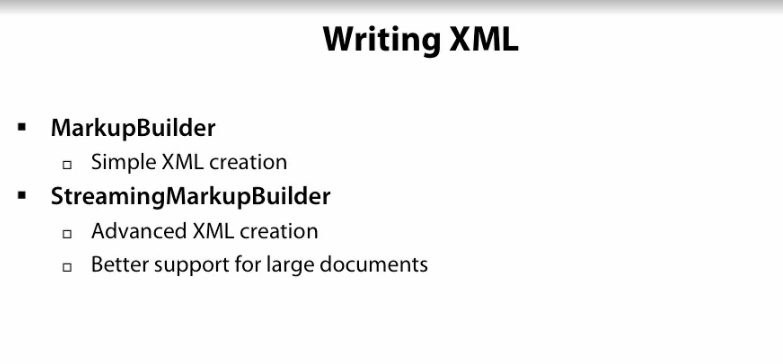


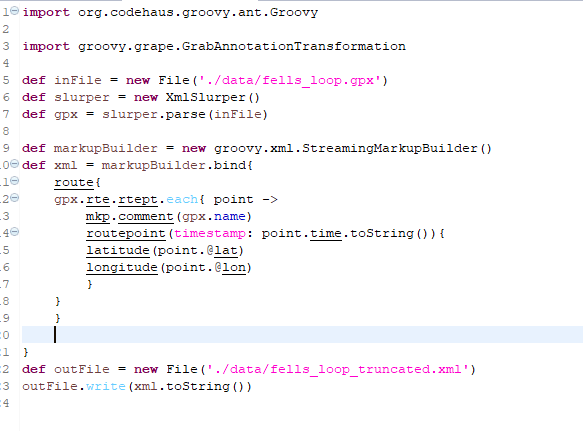
## Reading XML Documents



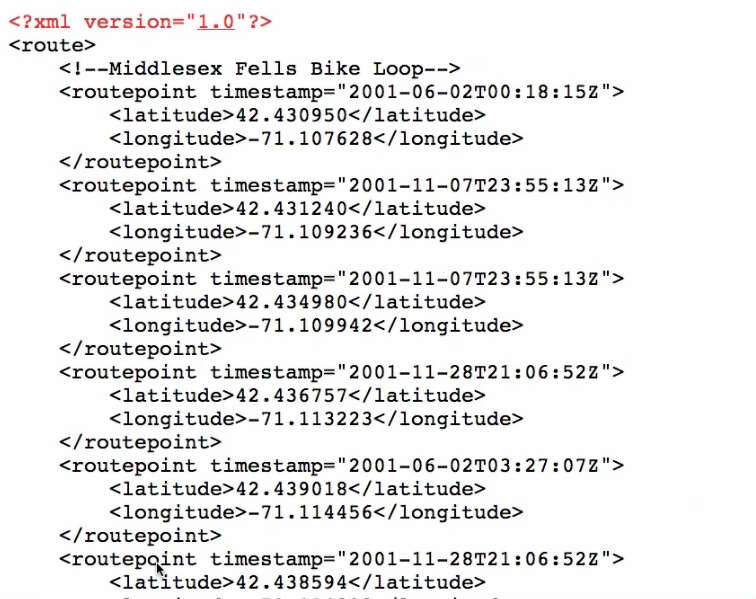


## Writing XML Documents

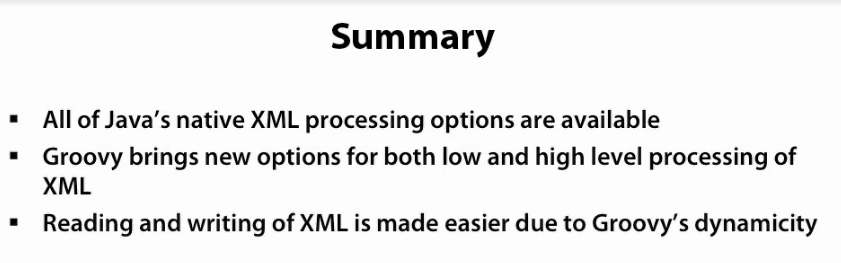




Result



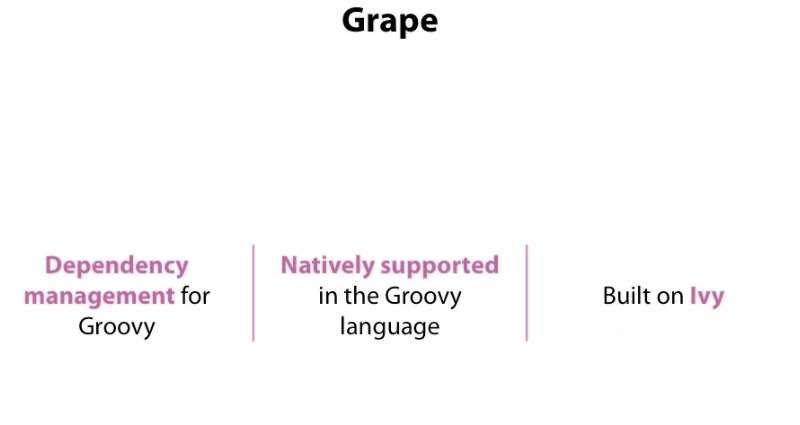
## Summary

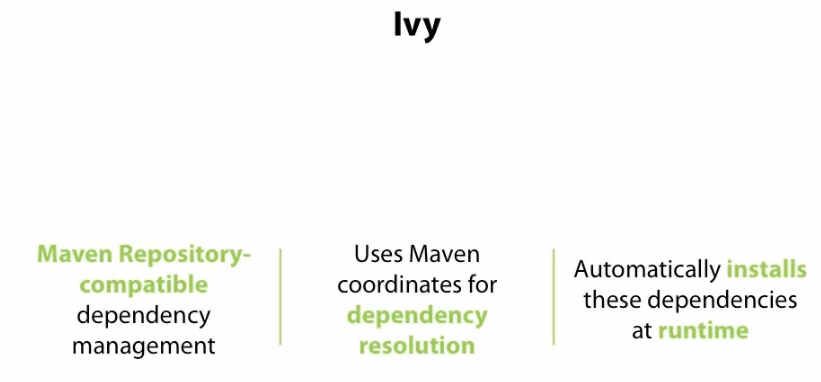


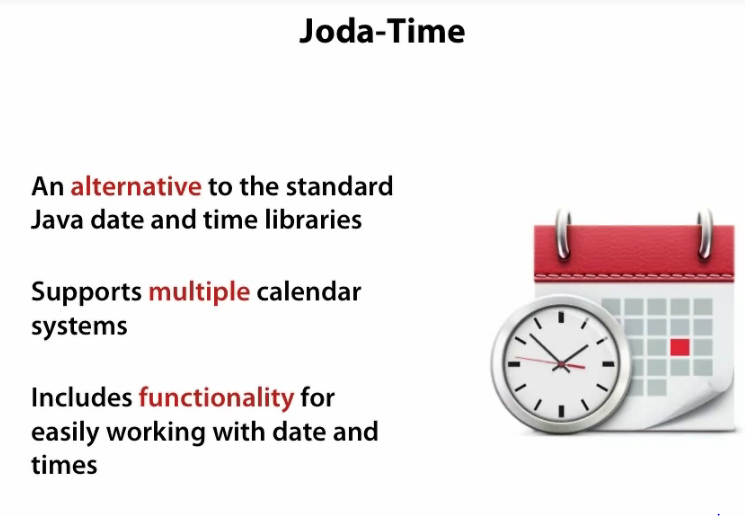
# Calling Java from Groovy

## Introducing Dependency Management in Groovy

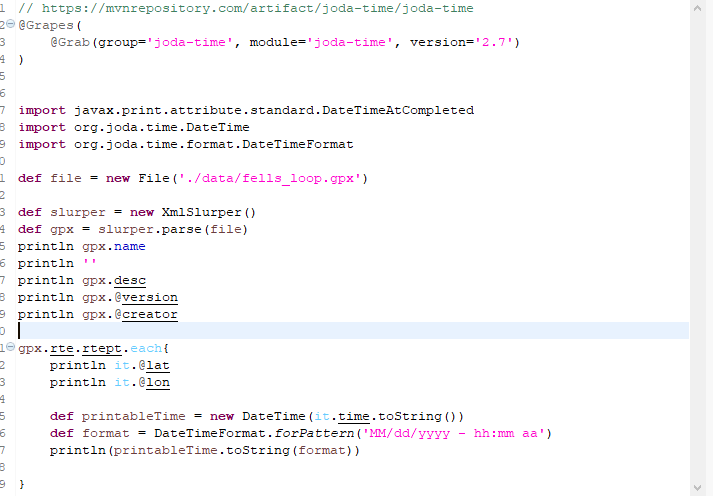




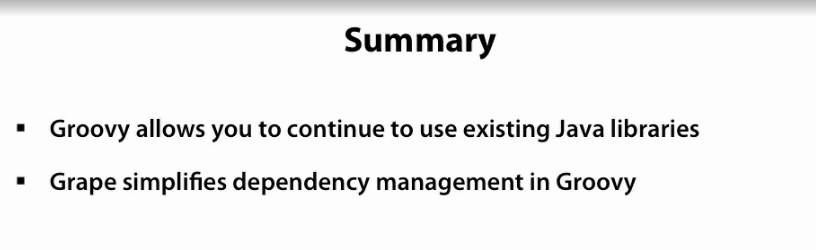




## Working with Grape

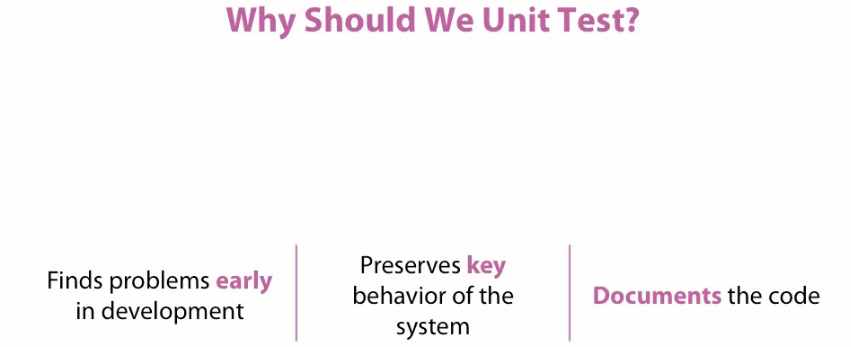


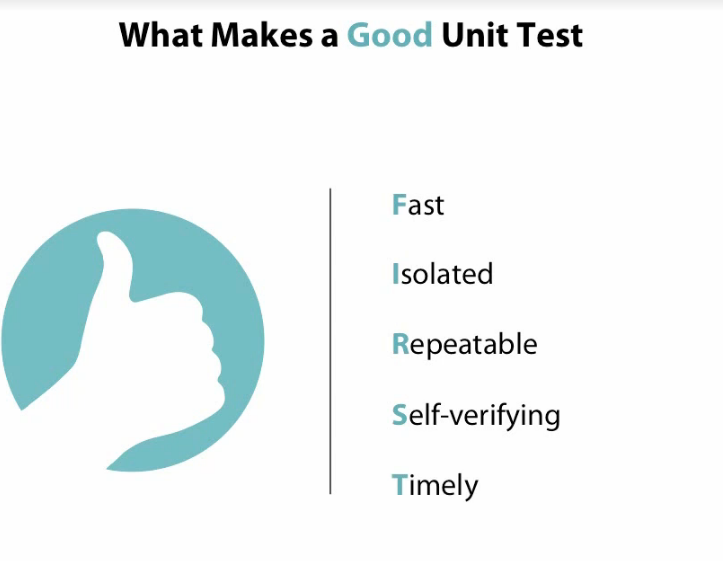
## Summary

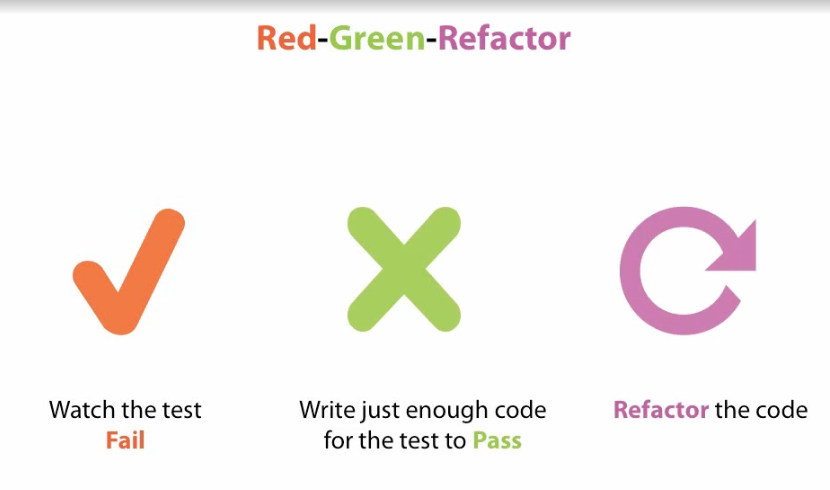


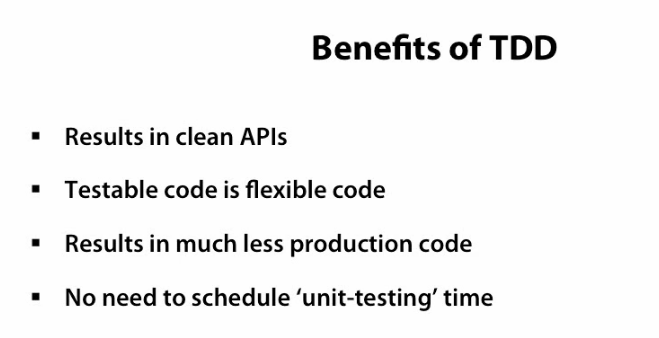
# Unit Testing in Groovy

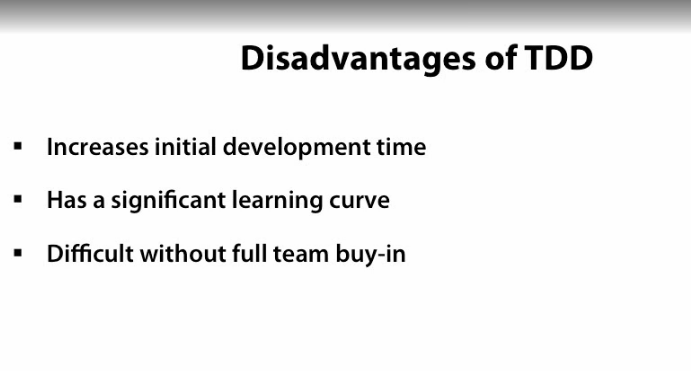
## Introduction to Unit Testing

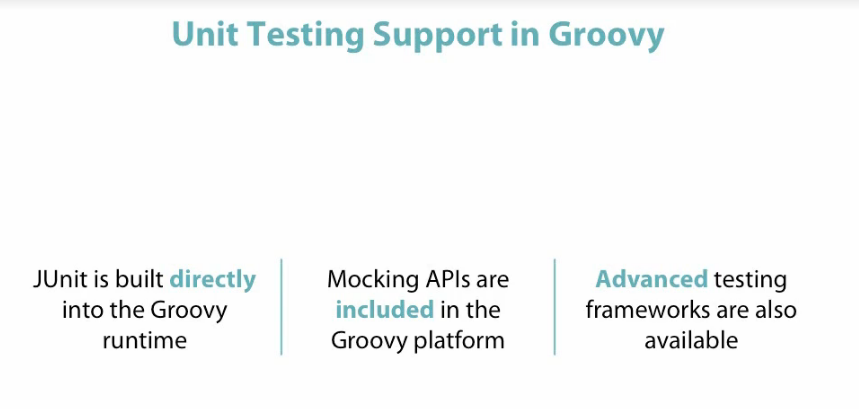


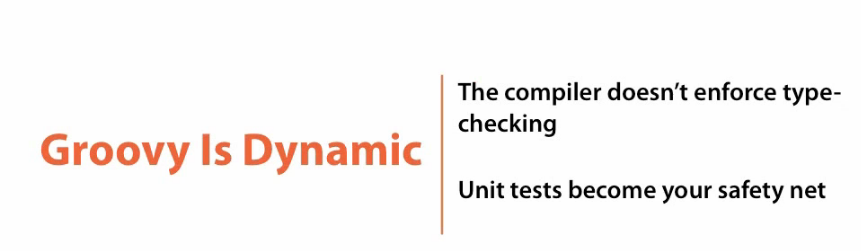






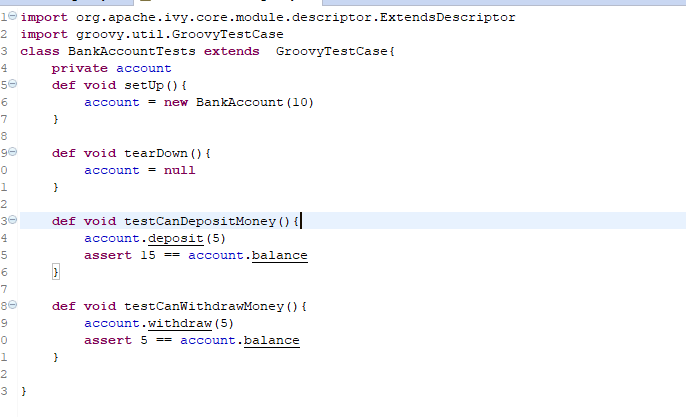




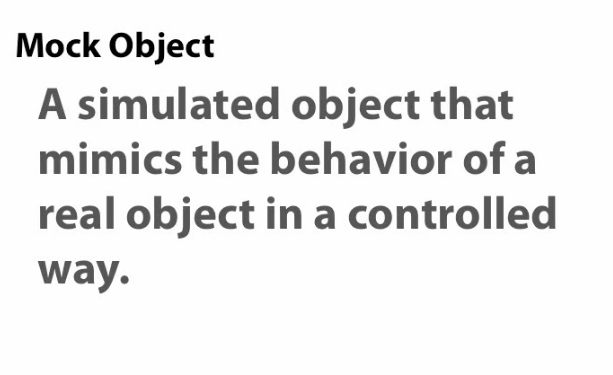


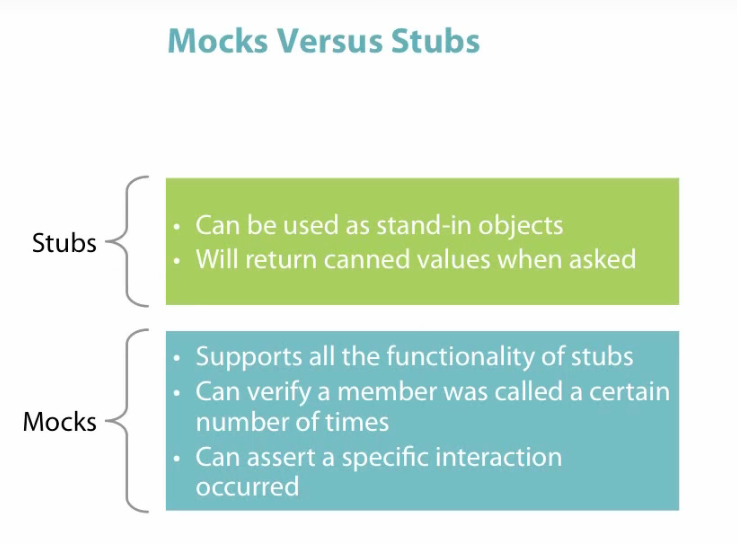
## Unit Testing in Groovy

## 



## Mock Objects





## Unit Testing Our Application

## Summary

## 

# Digging Deeper with Groovy Syntax

## Introduction

## Groovy Extension Methods



## Groovy Truthfulness

## Adding Functionality with Categories

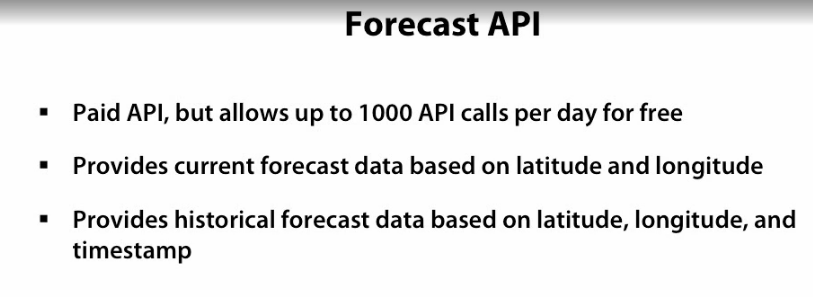
## Implicit Return Methods

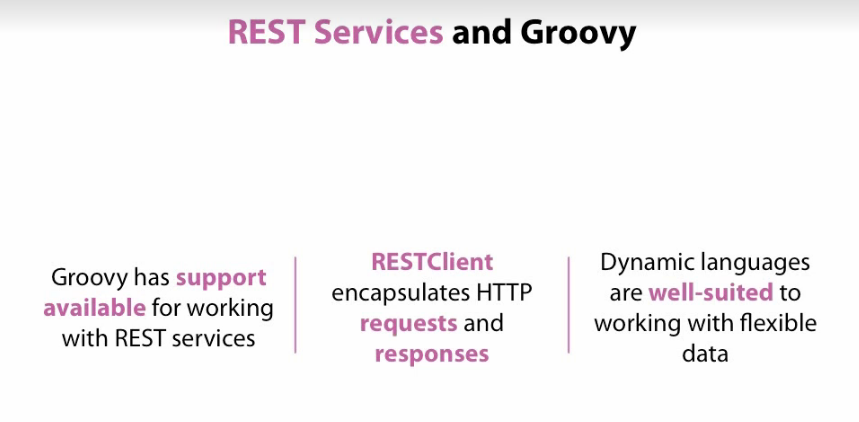
## Summary

## 

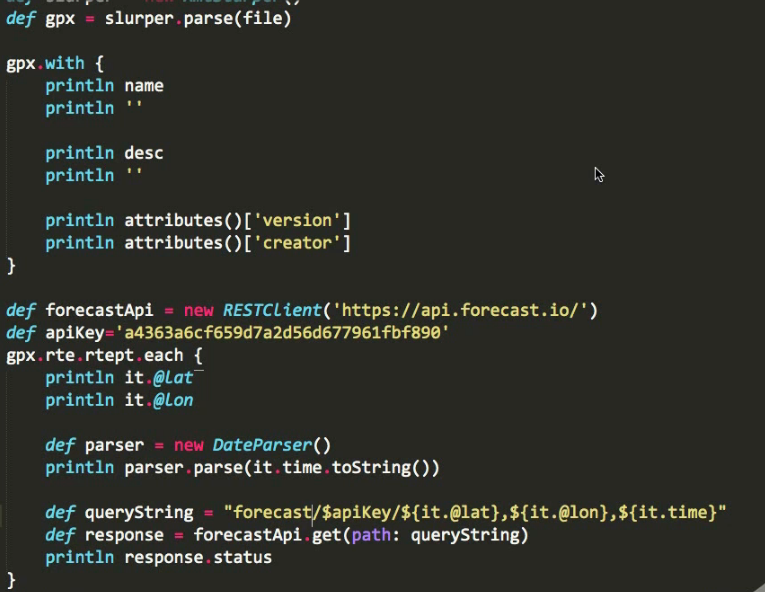
# Working with REST Services

## Introduction





## Working with the Groovy RESTClient



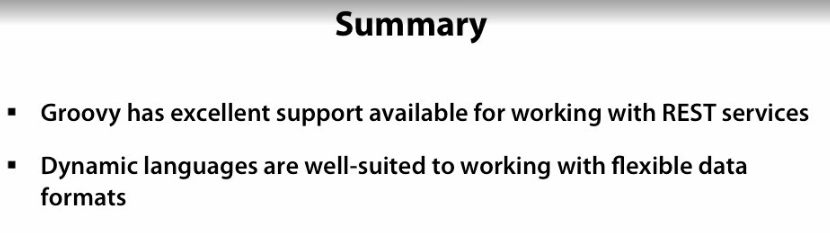
## Parsing JSON Data with Groovy

## Working with the Groovy ConfigSlurper

## 

## 

## Summary



# Working with Databases Using Groovy

## Introduction

## Creating SQL Connections

## Inserting Data

## Querying and Updating Data

## Summary