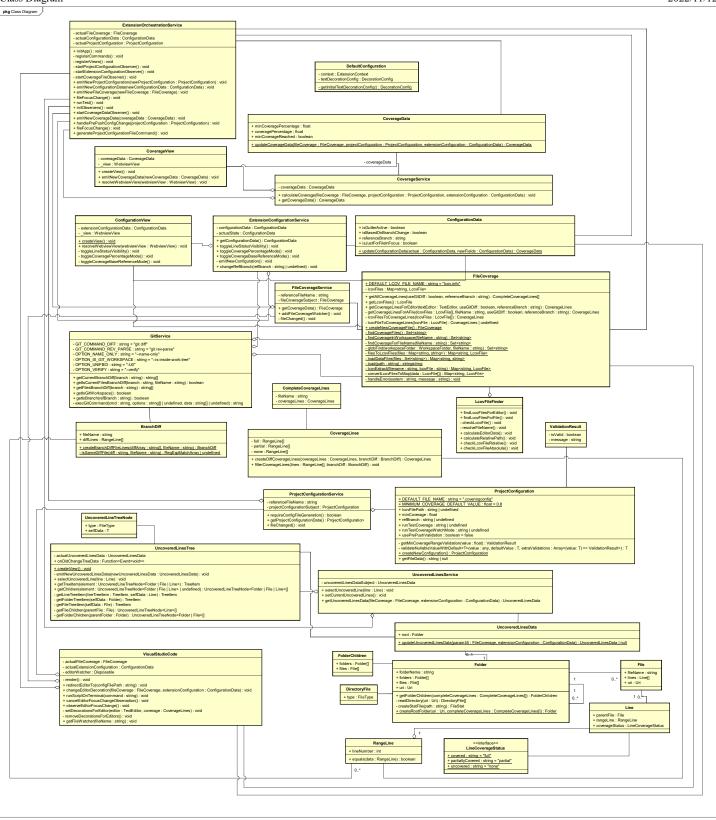
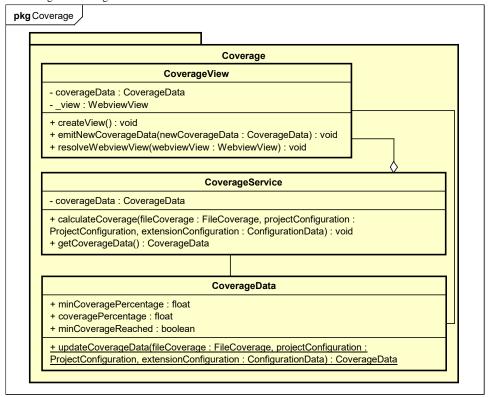
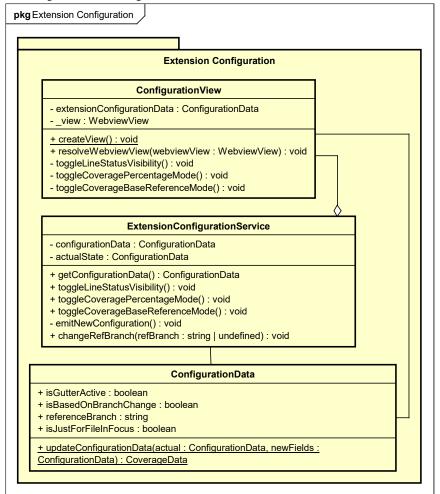
Class Diagram 2022/11/12

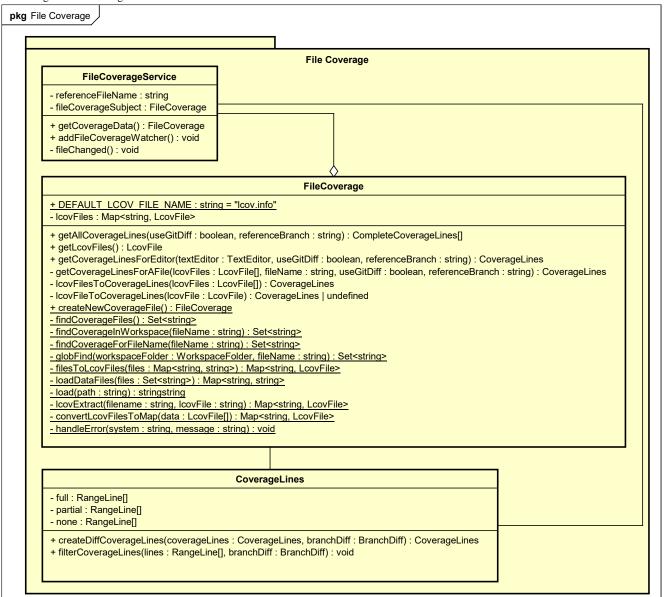


Class Diagram Coverage 2022/11/12





Class Diagram File Coverage 2022/11/12



## pkg Project Configuration **Project Configuration** ProjectConfigurationService - referenceFileName : string projectConfigurationSubject : ProjectConfiguration + requireConfigFileGeneration(): boolean + getProjectConfigurationData() : ProjectConfiguration + fileChanged(): void ProjectConfiguration + DEFAULT FILE NAME : string = ".coveringconfig" + MINIMUM COVERAGE DEFAULT VALUE : float = 0.8 + lcovFilePath : string | undefined + minCoverage : float + refBranch : string | undefined + runTestCoverage : string | undefined + runTestCoverageWatchMode : string | undefined + usePrePushValidation : boolean = false $\hbox{-} get Min Coverage Range Validation (value: float): Validation Result \\$ - validateNullableValueWithDefault<T>(value : any, defaultValue : T, extraValidations : Array<(value: T) => ValidationResult>) : T + createNewConfiguration(): ProjectConfiguration + getFileData() : string | null

Class Diagram UI 2022/11/12

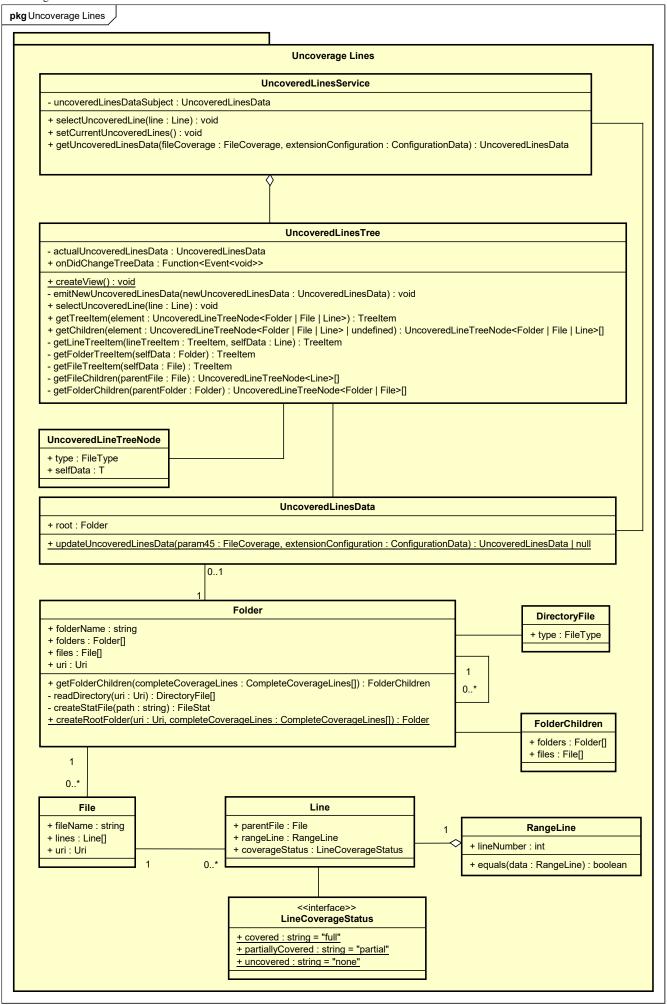
pkg Orchestration

UI

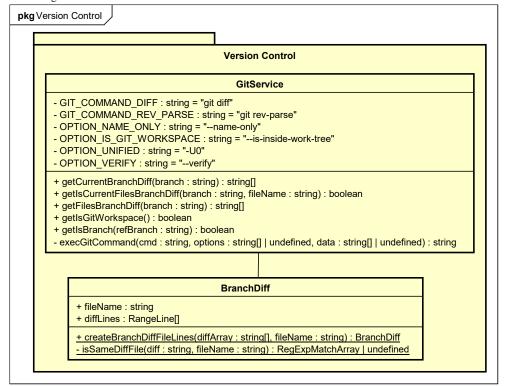
## **ExtensionOrchestrationService**

- actualFileCoverage : FileCoverage
- actualConfigurationData : ConfigurationData actualProjectConfiguration : ProjectConfiguration
- + initApp() : void
- registerCommands() : void
- registerViews() : void startProjectConfigurationObserver() : void
- startExtensionConfigurationObserver(): void startCoverageFileObserver(): void
- + emitNewProjectConfiguration(newProjectConfiguration : ProjectConfiguration) : void
- + emitNewConfigurationData(newConfigurationData : ConfigurationData) : void
- + emitNewFileCoverage(newFileCoverage : FileCoverage) : void + fileFocusChange() : void
- + runTest(): void
- + initObservers(): void
- + startCoverageDataObserver() : void + emitNewCoverageData(coverageData : CoverageData) : void
- + handlePrePushConfigChange(projectConfiguration : ProjectConfiguration) : void
- + fileFocusChange(): void
- + generateProjectConfigurationFileCommand(): void

Class Diagram Uncovered Lines 2022/11/12



Class Diagram Version Control 2022/11/12



pkg Visual Studio Code

## Visual Studio Code

## VisualStudioCode

- actualFileCoverage : FileCoverage actualExtensionConfiguration : ConfigurationData
- editorWatcher : Disposable
- render() : void
- + redirectEditorTo(configFilePath : string) : void
- + changeEditorDecoration(fileCoverage : FileCoverage, extensionConfiguration : ConfigurationData) : void + runScriptOnTerminal(command : string) : void + cancelEditorFocusChangeObservation() : void

- + observeEditorFocusChange() : void
- setDecorationsForEditor(editor: TextEditor, coverage: CoverageLines): void
- removeDecorationsForEditors(): void + getFileWatcher(fileName: string): void