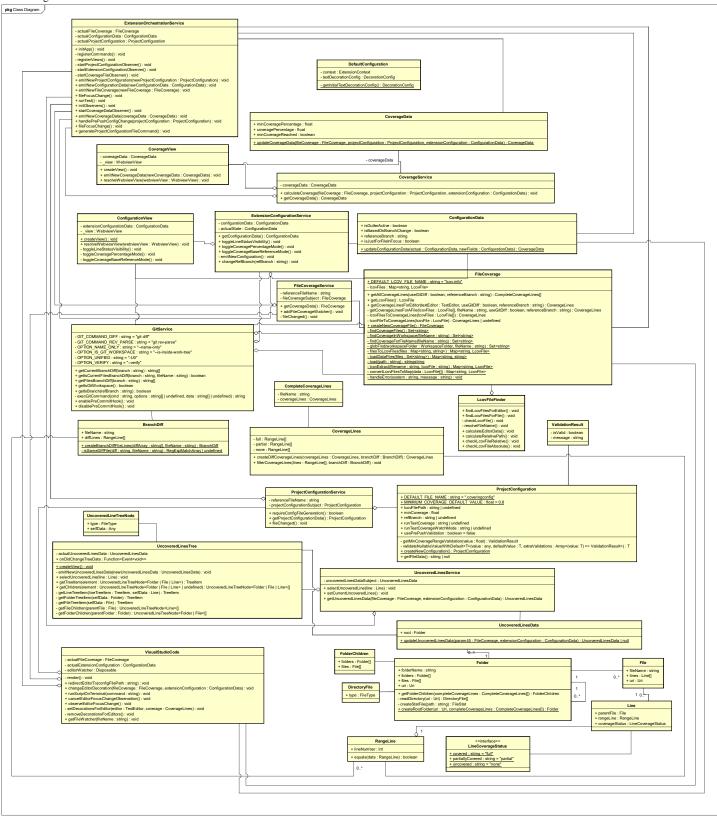
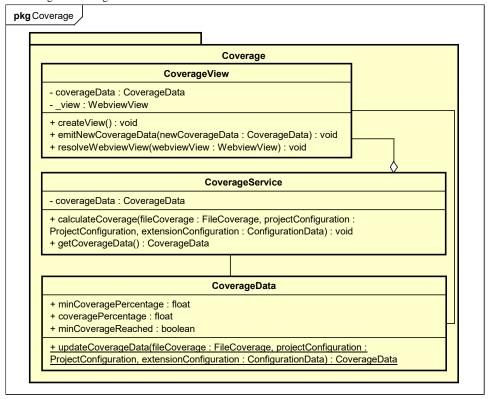
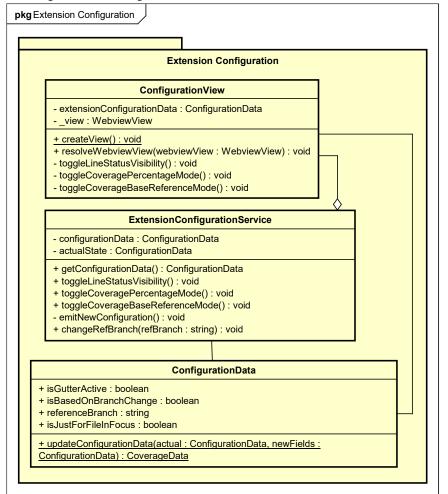
Class Diagram 2022/11/13



Class Diagram Coverage 2022/11/13





Class Diagram File Coverage 2022/11/13

pkg File Coverage File Coverage FileCoverageService - referenceFileName : string - fileCoverageSubject : FileCoverage + getCoverageData(): FileCoverage + addFileCoverageWatcher(): void - fileChanged(): void FileCoverage + DEFAULT LCOV FILE NAME : string = "lcov.info" - IcovFiles : Map<string, LcovFile> + getAllCoverageLines(useGitDiff: boolean, referenceBranch: string): CompleteCoverageLines[] + getLcovFiles(): LcovFile + getCoverageLinesForEditor(textEditor: TextEditor, useGitDiff: boolean, referenceBranch: string): CoverageLines - getCoverageLinesForAFile(IcovFiles : LcovFile[], fileName : string, useGitDiff : boolean, referenceBranch : string) : CoverageLines - lcovFilesToCoverageLines(lcovFiles : LcovFile[]) : CoverageLines - IcovFileToCoverageLines(IcovFile : LcovFile) : CoverageLines | undefined + createNewCoverageFile() : FileCoverage - findCoverageFiles() : Set<string> - findCoverageInWorkspace(fileName : string) : Set<string> - findCoverageForFileName(fileName : string) : Set<string> - globFind(workspaceFolder : WorkspaceFolder, fileName : string) : Set<string> - filesToLcovFiles(files : Map<string, string>) : Map<string, LcovFile> - loadDataFiles(files : Set<string>) : Map<string, string> - load(path : string) : stringstring - lcovExtract(filename : string, lcovFile : string) : Map<string, LcovFile>
- convertLcovFilesToMap(data : LcovFile[]) : Map<string, LcovFile> - handleError(system : string, message : string) : void CoverageLines - full : RangeLine[] - partial : RangeLine[] - none : RangeLine[] + createDiffCoverageLines(coverageLines : CoverageLines, branchDiff : BranchDiff) : CoverageLines + filterCoverageLines(lines : RangeLine[], branchDiff : BranchDiff) : void

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 2022/11/13

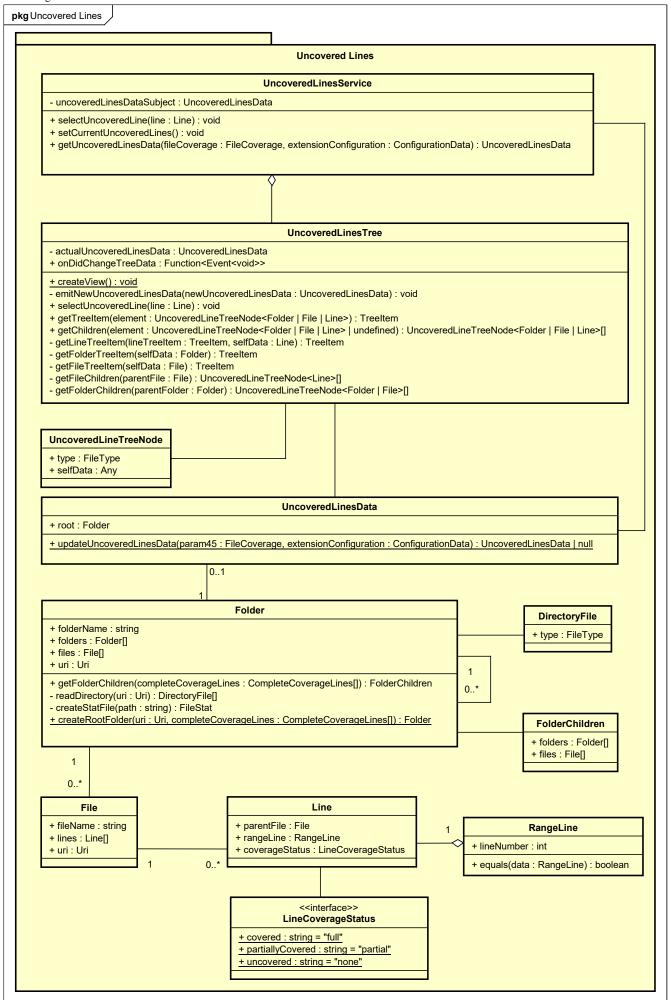
pkg Orchestration

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 2022/11/13



Class Diagram Version Control 2022/11/13

pkg Version Control **Version Control** GitService - GIT_COMMAND_DIFF : string = "git diff" - GIT_COMMAND_REV_PARSE : string = "git rev-parse" - OPTION_NAME_ONLY : string = "--name-only" - OPTION_IS_GIT_WORKSPACE : string = "--is-inside-work-tree" - OPTION_UNIFIED : string = "-U0" - OPTION_VERIFY : string = "--verify" + getCurrentBranchDiff(branch : string) : string[] + getIsCurrentFilesBranchDiff(branch: string, fileName: string): boolean + getFilesBranchDiff(branch : string) : string[] + getIsGitWorkspace() : boolean + getIsBranch(refBranch : string) : boolean - execGitCommand(cmd : string, options : string[] | undefined, data : string[] | undefined) : string + enablePreCommitHook(): void + disablePreCommitHook(): void BranchDiff + fileName : string + diffLines : RangeLine[] + createBranchDiffFileLines(diffArray: string[], fileName: string): BranchDiff - isSameDiffFile(diff: string, fileName: string): RegExpMatchArray | undefined

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