Zingnews

+ Zingnews()

+ getFileName(): String
+ scrapeArticle(String): ArrayList<Article>
+ scrapeArticleNonRSS(String): ArrayList<Article>
+ scrapeContent(String): Element

Vnexpress

+ Vnexpress()

+ getFileName(): String
+ scrapeArticle(String): ArrayList<Article>
+ scrapeArticleNonRSS(String): ArrayList<Article>
+ scrapeContent(String): Element

Tuoitre

+ Tuoitre()

+ getFileName(): String
+ scrapeArticle(String): ArrayList<Article>
+ scrapeArticleNonRSS(String): ArrayList<Article>
+ scrapeContent(String): Element

Thanhnien

+ Thanhnien()

+ getFileName(): String
+ getTimeSince(): Duration
+ scrapeArticle(String): ArrayList<Article>
+ scrapeArticleNonRSS(String): ArrayList<Article>
+ scrapeContent(String): Element

Nhandan

+ Nhandan()

+ getFileName(): String
+ getTimeSince(): Duration
+ scrapeArticle(String): ArrayList<Article>
+ scrapeArticleNonRSS(String): ArrayList<Article>
+ scrapeContent(String): Element

Controller

+ scrollPaneFilters: ScollPane
- stackPane: StackPane
- borderPane: BorderPane
+ page: Pagination
newsBorder: BorderPane
- engine: WebEngine
- newsScene: WebEngine
newsList: List<Article>
progressBar: ProgressBar
newsHashmap: LinkedHashMap<String, News>
threadsHash: HashMap<String, Thread>
progressAnimation: HashMap<String, Pair<Double, Animation
progressText: Text
scrollAnimation: Animation
scrollDestination: double
scrollDirection: double
currentCategory: String
loadHandler: EventHandler<ActionEvent>
reloadCaterogy: EventHandler<ActionEvent>

+ Controller()

+ addProgressBar(): Vbox
createAnimation(double, DoubleProperty, double): Animation
createArticleElement(List<Article>, int, String): Pane
createArticleElementHBox(List<Article>, int): HBox
createArticleElementVBox(List<Article>, int): VBox
+ createPage(int, List<Article>): HBox
initLoadingBar(): void
initMenuBar(): void
initNewsBorder(): void
initPagination(): void
initScrollBar(): void
initialize(URL, ResourseBundle): void

Article

image: Image
titleArticle: String
sourceArticle: String
timeArticle: Duration
source: String

+ Article(Image, String, String, Duration, String)

+ getImageArticle(): Image
+ getSource(): String
+ getSourceArticle(): String
+ getTimeArticle(): Duration
+ getTitleArticle(): String

News

- categories: Hashmap<String, Category>

+ News()

+ getFileName(): String
+ getTimeSince(String): Duration
+ resetCategory(String): void
+ scrapeArticle(String): ArrayList<Article>
+ scrapeContent(String): Element
+ scrapeWebsiteCaterogy(String): Category

Category

articleList: ArrayList<Article>
categoryName: String
categoryUrl: String

+ Category(String)

+ getArticleList(): ArrayList<Article>
+ setArticleList(ArrayList<Article>): String

LoadNewsListTask

categoryName: String

LoadNewsListTask(String)

call(): List<Article>

Main

+ Main()

+ main(String[]): void
+ start(Stage): void

<<create>>