

ThemeEngine

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ThemeEngine

Kind: Class

Source: [atloria-monorepo/packages/theme-engine/src/lib/theme-engine.ts](https://github.com/atloria-monorepo/packages/theme-engine/src/lib/theme-engine.ts)

ThemeEngine - A framework-agnostic theming system for Atloria

Features:

- CSS Variables-based theming
- Dark/Light mode support
- localStorage persistence
- System preference detection
- SSR support (no flash of unstyled content)
- Cross-tab synchronization
- White-label support via custom tokens

Methods

Method	Signature	Returns
setMode	setMode(mode: ThemeMode)	void
getMode	getMode()	ThemeMode
getEffectiveThemeMode	getEffectiveThemeMode()	`light`
enableDarkMode	enableDarkMode()	void
disableDarkMode	disableDarkMode()	void
toggleDarkMode	toggleDarkMode()	void
useSystemPreference	useSystemPreference()	void
getTheme	getTheme()	ThemeTokens

Method	Signature	Returns
updateTheme	updateTheme(updates: Partial<ThemeTokens>)	void
subscribe	subscribe(listener: ThemeEventListener)	() => void
getSSRScript	getSSRScript(config: ThemeConfig)	string
destroy	destroy()	void

Where it refuses work

- ThemeEngine stops the work with an early return when `!this.isClient` , in 7 places.
- ThemeEngine stops the work with an early return when `stored === 'light' || stored === 'dark' || stored === 'system'` .
- ThemeEngine stops the work with an early return when `!this.isClient || !this.config.enablePersistence` .
- ThemeEngine stops the work with an early return when `this.currentMode === mode` .