

We use `perf.mark` (`vs/base/common/performance`) and `performance.mark` (browser-native) to name certain moments in VS Code's startup timeline. The following is an inventory of these marks:

name	context	description
<code>code/timeOrigin</code>	electron-main, electron-renderer, browser-renderer, webworker, nodejs	Marks the origin, usually the same value as the native <code>timeOrigin</code> property. Is polyfilled in safari and <i>not available</i> in safari web workers
<code>code/didStartMain</code>	electron-main	Marks the start of the <i>electron</i> main process.
<code>code/mainAppReady</code>	electron-main	Marks the receiving of the <code>appReady</code> event from <i>electron</i> .
<code>code/willLoadMainBundle</code>	electron-main	Marks the point before loading the main bundle of the main process.
<code>code/didLoadMainBundle</code>	electron-main	Marks the point after loading the main bundle of the main process.
<code>code/willOpenNewWindow</code>	electron-main	Marks the point at which a new renderer/browser window is being created. This event occurs repeatedly.
<code>code/didStartRenderer</code>	browser-renderer, electron-renderer	Marks the start of the renderer. Should be set by embedders.
<code>code/willShowPartsSplash</code>	electron-renderer	Marks the point before the in-place-splash screen (rapid render) is being created
<code>code/didShowPartsSplash</code>	electron-renderer	Marks the point at which the in-place-splash screen (rapid render) is showing
<code>code/willLoadWorkbenchMain</code>	electron-renderer, browser-renderer	Marks the point before loading the main bundle of the renderer.
<code>code/didLoadWorkbenchMain</code>	electron-renderer, browser-renderer	Marks the point after loading the main bundle of the renderer.

name	context	description
code/willWaitForShellEnv	electron-renderer	Marks the start of resolving the shell environment (obsolete soon #108804)
code/didWaitForShellEnv	electron-renderer	Marks the end of resolving the shell environment (obsolete soon #108804)
code/willInitWorkspaceService	electron-renderer	Marks the start of resolving the workspace and associated configuration (blocking)
code/didInitWorkspaceService	electron-renderer	Marks the end of resolving the workspace and associated configuration (blocking)
code/willInitWorkspaceStorage	electron-renderer	Marks the start of resolving the UI state storage (blocking)
code/didInitWorkspaceStorage	electron-renderer	Marks the end of resolving the UI state storage (blocking)
code/willStartWorkbench	electron-renderer	Marks the beginning of creating and restoring the workbench and services
code/LifecyclePhase/<phase>	electron-renderer, browser-renderer	Marks the workbench lifecycle phase, potential values for <phase> are starting, ready, restored, and eventually
code/willRestoreEditors	electron-renderer, browser-renderer	Marks the point before creating/restoring editors.
code/willRestoreViewlet	electron-renderer, browser-renderer	Marks the point before creating the viewlet. Note that this is just creation, not population.
code/willRestorePanel	electron-renderer, browser-renderer	Marks the point before creating the bottom panel.
code/didRestoreViewlet	electron-renderer, browser-renderer	Marks the point after creating the viewlet.

name	context	description
code/didRestorePanel	electron-renderer, browser-renderer	Marks the point after creating the bottom panel.
code/didRestoreEditors	electron-renderer, browser-renderer	Marks the point after creating/restoring editors.
code/didStartWorkbench	renderer	Marks the end of creating and restoring the workbench and services
code/didRemovePartssplash	electron-renderer, browser-renderer	Marks the point at which the in-place-splash screen (rapid render) is removed
code/willLoadExtensions	electron-renderer, browser-renderer	Marks the point before starting extension hosts and discovering registered extensions
code/willHandleExtensionPoints	electron-renderer, browser-renderer	Marks the point before processing package.json-data from extensions
code/didHandleExtensionPoints	electron-renderer, browser-renderer	Marks the point after processing package.json-data from extensions
code/didLoadExtensions	electron-renderer, browser-renderer	Marks the point after starting extension hosts and discovering registered extensions
code/registerFilesystem/scheme	electron-renderer, browser-renderer, electron-main	Marks the point at which a file system has been registered. The last segment of the name is the scheme of the file system
code/fork/start	nodejs	Marks the point when JS execution begins on the extension host process
code/fork/willLoadCode	nodejs	Marks the point when AMD code loading begins on the extension host process

name	context	description
code/extHost/willConnectToRenderer	ToRenderer webworker	Marks the point when the extension host code is loaded and executing
code/extHost/didConnectToRenderer	ToRenderer	Marks the point when a socket was established to the renderer process
code/extHost/didWaitForInitData	ToData webworker	Marks the point when the extension host init data was received
code/extHost/didCreateServices	Service webworker	Marks the point when services are created
code/extHost/willWaitForConfig	OnConfig webworker	Marks the point when waiting begins for the configuration options to be sent by renderer
code/extHost/didWaitForConfig	OnConfig webworker	Marks the point when the configuration options were received from the renderer
code/extHost/didInitAPI	nodejs, webworker	Marks the point when require('vscode') is up and running
code/extHost/didInitProxy	nodejs	Marks the point when proxy settings have been configured
code/extHost/willResolveAuthority/<authorityPrefix>	Authority	Marks the point when a resolver will be invoked
code/extHost/didResolveAuthorityOK/<authorityPrefix>	Authority	Marks the point when a resolver has resolved OK
code/extHost/didResolveAuthorityError/<authorityPrefix>	Authority	Marks the point when a resolver has resolved with an error
code/extHost/ready	nodejs, webworker	Marks the point when the extension host process is ready to generally load extensions
code/extHost/willFetchExtensionCode/<extId>	Extension	Marks the point when the code for an extension will be fetched
code/extHost/didFetchExtensionCode/<extId>	Extension	Marks the point when the code for an extension has been fetched

name	context	description
code/extHost/willLoadExtensionCode/<extId>	code/<extId>	Marks the point when the code for an extension will be executed
code/extHost/didLoadExtensionCode/<extId>	code/<extId>	Marks the point when the code for an extension has been executed
code/extHost/willActivateExtension/<extId>	code/<extId>	Marks the point when activate() will be called for an extension
code/extHost/didActivateExtension/<extId>	code/<extId>	Marks the point when activate() has resolved for an extension
code/server/start	nodejs	Marks the start of the server process
code/server/started	nodejs	Marks the point when the server is listening for incoming connections at the configured port / domain socket
code/server/codeLoaded	nodejs	Marks the point when the server code is loaded
code/server/ready	nodejs	Marks the point when the server is fully initialized
code/server/firstRequest	nodejs	Marks the point when the server receives a first request
code/server/firstWebSocket	nodejs	Marks the point when the server receives a first WebSocket