

Build Object

The build object **\$Build** provides access to the properties of the current build.

Name	Description	Type	Usage Example	
BuildNumber	A zero-based auto-incremented integer allocated to the current build (the first build will be build 0, the second build 1, etc)	Integer	<code>\$Build.BuildNumber\$</code>	100
Created	The date and time when the build was created	DateTime	<code>\$Build.Created\$</code>	"01/01/2019 5:03:18 PM"
Duration	A set of time periods associated with the current build	Build Durations	<code>\$Build.Duration.Total\$</code>	"5 seconds"
ErrorAndWarningLogMessages *	A list of error and warning messages in the build log	Log Messages Collection	<code>\$Build.ErrorAndWarningLogMessages.IsEmpty()\$</code>	True
FirstSharedResourceLabel	A description of the first shared resource label acquired by the current build	String	<code>\$Build.FirstSharedResourceLabel\$</code>	"Server.Testing.Server.QuotaList.A: 1 read lock"
HasErroredStages	Have any errors occurred in any stages of the current build?	Boolean	<code>\$Build.HasErroredStages\$</code>	False
HasFailedStages	Have any stages of the current build failed?	Boolean	<code>\$Build.HasFailedStages\$</code>	False
HasNewChanges	Is the current build associated with any new repository changesets which have not previously been built by another build for the same configuration?	Boolean	<code>\$Build.HasNewChanges\$</code>	True
HasSuccessfulStages	Have any stages of the current build been successful?	Boolean	<code>\$Build.HasSuccessfulStages\$</code>	True
HasWarnings	Have any warnings been logged during the current build?	Boolean	<code>\$Build.HasWarnings\$</code>	True
Id	A unique integer allocated automatically to this build	Integer	<code>\$Build.Id\$</code>	10
IssueIds	A comma-delimited list of issue ids associated with the current build	String	<code>\$Build.IssueIds\$</code>	"123,234"
IsFeatureBranchBuild	This expression is set to true when a build is triggered via a Repository Trigger on a non-default branch	Boolean	<code>\$Build.IsFeatureBranchBuild\$</code>	True
LastSharedResourceLabel	A description of the most recent shared resource label acquired by the current build	String	<code>\$Build.LastSharedResourceLabel\$</code>	"Server.Testing.Server.QuotaList.B: 1 read lock"
LinkUrl	The URL to the build details page	String	<code>\$Build.LinkUrl\$</code>	"http://servername/New_Project_1/ci/builds/view/123"
Metrics	A reference object to access to any metrics recorded by build actions	Metrics	<code>\$Build.Metrics.</code>	See Metrics
Priority	The priority given to the build when it was started ("Low", "Normal" or "High")	String	<code>\$Build.Priority\$</code>	"High"
SharedResourceLabels	A comma-delimited list of shared resource labels acquired by the current build	String	<code>\$Build.SharedResourceLabels\$</code>	"Server.Testing.Server.QuotaList.A: 1 read lock", "Server.Testing.Server.QuotaList.B: 1 read lock"
SharedResources	A list of shared resources acquired by the current build	Shared Resources	<code>\$Build.SharedResources.</code>	See Shared Resources
Stages	A list of build stages	Stages Collection	<code>\$Build.Stages.</code>	See Stages Collection
StartComment	The first comment logged during the build	String	<code>\$Build.StartComment\$</code>	"this is a comment"
Started	The date and time when the first build stage started executing	DateTime	<code>\$Build.Started\$</code>	"01/01/2019 5:04:32 PM"
StartedBy	A reference to the user who initiated the build	User	<code>\$Build.StartedBy\$</code>	"mr.twisted.buildstarter@finalbuilder.com"
StartedFromIPAddress	The IP address of the client machine which the build was started from	String	<code>\$Build.StartedFromIPAddress\$</code>	"192.158.1.38"
TailLogMessages *	The last fifty messages in the build log	Log Messages Collection	<code>\$Build.TailLogMessages.First().Type\$</code>	"Error"
Version	A reference to the build version	Version	<code>\$Build.Version\$</code>	1.1.2.333

- **ErrorAndWarningLogMessages** and **TailLogMessages** are only available in [build event handler](#) fields.