

# Build Object

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

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

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