



**builds for Red Hat OpenShift 1.0**

**Observability (可观察性)**

构建控制器可观察性



## builds for Red Hat OpenShift 1.0 Observability (可观察性)

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构建控制器可观察性

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## 摘要

本文档提供有关构建控制器可观察性的信息。

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# 第 1 章 构建控制器可观察性

构建会公开几个指标，以帮助您监控构建资源的性能和功能。构建控制器指标在端口 **8383** 上公开。

## 1.1. 构建控制器指标

您可以检查以下构建控制器指标来监控目的：

表 1.1. 构建控制器指标

Name	类型	描述	标签	Status
<b>build_builds_registered_total</b>	计数	注册构建总数。	<ul style="list-style-type: none"> <li>● <b>buildstrategy=</b> <b>&lt;build_buildstrategy_name&gt;</b></li> <li>● <b>namespace=</b> <b>&lt;buildrun_namespace&gt;</b></li> <li>● <b>build=</b> <b>&lt;build_name&gt;</b></li> </ul>	实验性
<b>build_buildruns_completed_total</b>	计数	完成的构建总数。	<ul style="list-style-type: none"> <li>● <b>buildstrategy=</b> <b>&lt;build_buildstrategy_name&gt;</b></li> <li>● <b>namespace=</b> <b>&lt;buildrun_namespace&gt;</b></li> <li>● <b>build=</b> <b>&lt;build_name&gt;</b></li> <li>● <b>buildrun=</b> <b>&lt;buildrun_name&gt;</b></li> </ul>	实验性
<b>build_buildrun_establish_duration_seconds</b>	Histogram	构建运行的时间（以秒为单位）。	<ul style="list-style-type: none"> <li>● <b>buildstrategy=</b> <b>&lt;build_buildstrategy_name&gt;</b></li> <li>● <b>namespace=</b> <b>&lt;buildrun_namespace&gt;</b></li> <li>● <b>build=</b> <b>&lt;build_name&gt;</b></li> <li>● <b>buildrun=</b> <b>&lt;buildrun_name&gt;</b></li> </ul>	实验性

Name	类型	描述	标签	Status
<b>build_buildrun_completion_duration_seconds</b>	Histogram	构建运行完成持续时间（以秒为单位）。	<ul style="list-style-type: none"> <li>● <b>buildstrategy=</b> <b>&lt;build_buildstrategy_name&gt;</b></li> <li>● <b>namespace=</b> <b>&lt;buildrun_namespace&gt;</b></li> <li>● <b>build=</b> <b>&lt;build_name&gt;</b></li> <li>● <b>buildrun=</b> <b>&lt;buildrun_name&gt;</b></li> </ul>	实验性
<b>build_buildrun_rampup_duration_seconds</b>	Histogram	构建运行速度（以秒为单位）。	<ul style="list-style-type: none"> <li>● <b>buildstrategy=</b> <b>&lt;build_buildstrategy_name&gt;</b></li> <li>● <b>namespace=</b> <b>&lt;buildrun_namespace&gt;</b></li> <li>● <b>build=</b> <b>&lt;build_name&gt;</b></li> <li>● <b>buildrun=</b> <b>&lt;buildrun_name&gt;</b></li> </ul>	实验性
<b>build_buildrun_taskrun_rampup_duration_seconds</b>	Histogram	任务运行任务的构建运行持续时间（以秒为单位）。	<ul style="list-style-type: none"> <li>● <b>buildstrategy=</b> <b>&lt;build_buildstrategy_name&gt;</b></li> <li>● <b>namespace=</b> <b>&lt;buildrun_namespace&gt;</b></li> <li>● <b>build=</b> <b>&lt;build_name&gt;</b></li> <li>● <b>buildrun=</b> <b>&lt;buildrun_name&gt;</b></li> </ul>	实验性



Name	类型	描述	标签	Status
<b>build_buildrun_taskrun_pod_rampup_duration_seconds</b>	Histogram	任务运行 pod 的构建运行持续时间（以秒为单位）。	<ul style="list-style-type: none"> <li>● <b>buildstrategy=</b> <b>&lt;build_buildstrategy_name&gt;</b></li> <li>● <b>namespace=</b> <b>&lt;buildrun_namespace&gt;</b></li> <li>● <b>build=</b> <b>&lt;build_name&gt;</b></li> <li>● <b>buildrun=</b> <b>&lt;buildrun_name&gt;</b></li> </ul>	实验性

### 1.1.1. 直方图指标

要将自定义存储桶用于构建控制器，您必须为特定的直方图指标设置环境变量。下表显示了所有直方图指标的环境变量：

表 1.2. 直方图指标

指标	环境变量	Default (默认)
<b>build_buildrun_establish_duration_seconds</b>	<b>PROMETHEUS_BR_EST_DURATION_BUCKETS</b>	<b>0,1,2,3,5,7,10,15,20,30</b>
<b>build_buildrun_completion_duration_seconds</b>	<b>PROMETHEUS_BR_COMP_DURATION_BUCKETS</b>	<b>50,100,150,200,250,300,350,400,450,500</b>
<b>build_buildrun_rampup_duration_seconds</b>	<b>PROMETHEUS_BR_RAMPUP_DURATION_BUCKETS</b>	<b>0,1,2,3,4,5,6,7,8,9,10</b>
<b>build_buildrun_taskrun_rampup_duration_seconds</b>	<b>PROMETHEUS_BR_RAMPUP_DURATION_BUCKETS</b>	<b>0,1,2,3,4,5,6,7,8,9,10</b>
<b>build_buildrun_taskrun_pod_rampup_duration_seconds</b>	<b>PROMETHEUS_BR_RAMPUP_DURATION_BUCKETS</b>	<b>0,1,2,3,4,5,6,7,8,9,10</b>