

Hangfire Dashboard guide

Ссылка на Hangfire dashboard: {base_app_url}/hangfire

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Список Активных Job (Recurring Jobs)

После прохождения по ссылке вы попадаете с основной писк джоб:

Hangfire DashboardJobs (0)Retries (0)Recurring Jobs (1)Servers (1)

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Recurring jobs

Trigger nowDelete

Items per page: 10205010050010005000

<input type="checkbox"/>	Id	Cron	Time zone	Job	Next execution	Last execution	Created
<input type="checkbox"/>	TestJob	* / 5 * * * *	N. Central Asia Standard Time	TestJob.ExecuteAsync	in 3 minutes	2 minutes ago	12 minutes ago

Total items: 1

Hangfire 1.7.20SQL Server: DEVDB01,1113@ClientVoicesAdmin_TestTime: 10/15/2021 4:46:50 PMGenerated: 1 058,79ms

Запуск job в ручную:

Hangfire Dashboard

Jobs 0

Retries 0

Recurring Jobs 1

Servers 1

Back to site

Recurring jobs

Trigger now

Delete

Items per page: 10 20 50 100 500 1 000 5 000

<input checked="" type="checkbox"/>	Id	Cron	Time zone	Job	Next execution	Last execution	Created
<input checked="" type="checkbox"/>	TestJob	* / 5 * * * *	N. Central Asia Standard Time	TestJob.ExecuteAsync	in 2 minutes	3 minutes ago	13 minutes ago

Total items: 1

Hangfire 1.7.20

SQL Server: DEVDB01,1113@ClientVoicesAdmin_Test

Time: 10/15/2021 4:46:50 PM

Generated: 1 058,79ms

Список успешно выполненных Job

Hangfire Dashboard

Jobs 0

Retries 0

Recurring Jobs 1

Servers 1

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Enqueued 0 / 0

Scheduled 0

Processing 0

Succeeded 25

Failed 0

Deleted 0

Awaiting 0

Succeeded Jobs

Requeue jobs

Items per page: 10 20 50 100 500 1 000 5 000

<input type="checkbox"/>	Id	Job	Total Duration	Succeeded
<input type="checkbox"/>	#25	TestJob.ExecuteAsync	2.310s	a few seconds ago

Total items: 1

Hangfire 1.7.20

SQL Server: DEVDB01,1113@ClientVoicesAdmin_Test

Time: 10/18/2021 1:25:48 PM

Generated: 547,91ms

Просмотр результата успешной Job.

Hangfire Dashboard

Jobs 0Retries 0Recurring Jobs 1Servers 1

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Enqueued0 / 0

Scheduled0

Processing0

Succeeded26

Failed0

Deleted0

Awaiting0

TestJob.ExecuteAsync

The job is finished. It will be removed automatically *in a day*.

```
// Job ID: #25
using Hangfire.Jobs;

var testJob = Activate<TestJob>();
await testJob.ExecuteAsync();
```

Parameters

CurrentCulture	"ru-RU"
CurrentUICulture	"en-US"
RecurringJobId	"TestJob"
Time	1634538308

State

RequeueDelete

Succeeded8 minutes ago (+1.070s)

Latency: 2.116s
Duration: 194ms

Processing+1.390s

Server: RUNSKPF2RMTH0:29484
Worker: 380537e9

Enqueued+116ms

Triggered by recurring job scheduler

Queue: default

Created8 minutes ago

Список Job завершившихся ошибкой

Hangfire Dashboard

Jobs 1Retries 0Recurring Jobs 0Servers 1

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Enqueued0 / 0

Scheduled0

Processing0

Succeeded27

Failed1

Deleted5

Awaiting0

Failed Jobs

Failed jobs do not become expired to allow you to re-queue them without any time pressure. You should re-queue or delete them manually, or apply `AutomaticRetry(OnAttemptsExceeded = AttemptsExceededAction.Delete)` attribute to delete them automatically.

Requeue jobsDelete selected

Items per page: 1020501005001 0005 000

<input type="checkbox"/>	Id	Job	Failed
<input type="checkbox"/>	#28	TestJob.ExecuteAsync An exception occurred during performance of the job. Fewer details...	2 minutes ago
<div><h4>System.NotImplementedException</h4><div>The method or operation is not implemented.</div><pre>System.NotImplementedException: The method or operation is not implemented. at Hangfire.Jobs.TestJob.ExecuteAsync() in C:\Projects\ClientVoices\Hangfire\Jobs\TestJob.cs:line 11 at System.Runtime.CompilerServices.TaskAwaiter.GetResult()</pre></div>			

Total items: 1

Hangfire Dashboard

Jobs1Retries0Recurring Jobs0Servers1

Back to site

Enqueued0/0

Scheduled0

Processing0

Succeeded27

Failed1

Deleted5

Awaiting0

TestJob.ExecuteAsync

```
// Job ID: #28
using Hangfire.Jobs;

var testJob = Activate<TestJob>();
await testJob.ExecuteAsync();
```

Parameters

CurrentCulture	"ru-RU"
CurrentUICulture	"en-US"
RecurringJobId	"TestJob"
RetryCount	10
Time	1634539203

State

QueueDelete

Failed

4 minutes ago (+1.963s)

An exception occurred during performance of the job.

System.NotImplementedException

The method or operation is not implemented.

System.NotImplementedException: The method or operation is not implemented.
at Hangfire.Jobs.TestJob.ExecuteAsync() in C:\Projects\ClientVoices\Hangfire\Jobs\TestJob.cs:line 11
at System.Runtime.CompilerServices.TaskAwaiter.GetResult()

История выполненных Job (History)

В истории выполненных Job можно фильтровать список по имени, статусу и времени выполнения.

Hangfire Dashboard

Jobs2Retries0Recurring Jobs2Servers1HistoryJob Management

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History

Jobs

State

From

To

Choose here

Choose here

mm/dd/yyyy

mm/dd/yyyy

Filter

Clear

Items per page: 1020501005001 0005 000PrevNext






Id	State	Job	TotalDuration	Finished At
#70	Succeeded	TestStopJob	2.322s	a day ago
#69	Succeeded	TestStopJob	2.343s	2 days ago
#68	Succeeded	TestStopJob	2.537s	2 days ago
#67	Succeeded	TestStopJob	2.633s	2 days ago
#66	Succeeded	TestStopJob	2.226s	2 days ago
#65	Succeeded	TestStopJob	2.336s	2 days ago
#64	Succeeded	TestStopJob	2.568s	2 days ago
#63	Succeeded	TestStopJob	2.410s	2 days ago
#62	Succeeded	TestStopJob	2.437s	2 days ago
#61	Succeeded	TestStopJob	2.401s	2 days ago

Prev123456NextTotal items: 57

Управление Jobs (Job Management)

В данном списке можно увидеть список всех Job.






Job Management

Id	Cron	State	TimeZone	Last Execution	Next Execution	Options
TestErrorJob	0 0 0 30 2 *	Running	N. Central Asia Standard Time	23 days ago	DISABLED	 
TestJob	0 0 0 30 2 *	Running	N. Central Asia Standard Time	N/A	DISABLED	 
TestStopJob	*/10 * * * *	Stopped	N. Central Asia Standard Time	a day ago	a day ago	

Так же в данном списке вы можете останавливать активные Job (после остановки job не будет выполняться по расписанию), а так же возобновлять выполнение остановленных. Если остановить Job и перезапустить приложение, то после перезапуска приложения Job останутся остановленными.






Остановка:

Job Management

Id	Cron	State	TimeZone	Last Execution	Next Execution	Options
TestErrorJob	0 0 0 30 2 *	Running	N. Central Asia Standard Time	23 days ago	DISABLED	 
TestJob	0 0 0 30 2 *	Running	N. Central Asia Standard Time	N/A	DISABLED	 
TestStopJob	*/10 * * * *	Stopped	N. Central Asia Standard Time	a day ago	a day ago	

Возобновление выполнения:

Job Management

Id	Cron	State	TimeZone	Last Execution	Next Execution	Options
TestErrorJob	0 0 0 30 2 *	Running	N. Central Asia Standard Time	23 days ago	DISABLED	 
TestJob	0 0 0 30 2 *	Running	N. Central Asia Standard Time	N/A	DISABLED	 
TestStopJob	*/10 * * * *	Stopped	N. Central Asia Standard Time	a day ago	a day ago	

Так же есть возможность редактировать Cron (расписание выполнения) для job. Если отредактировать Cron и перезапустить приложение, то после перезапуска приложения останутся отредактированные Cron.

Hangfire Dashboard	Jobs 2	Retries 0	Recurring Jobs 2	Servers 1	History	Job Management	Back to site
Job Management							
Id	Cron	State	TimeZone	Last Execution	Next Execution	Options	
TestErrorJob	0 0 0 30 2 *	Running	N. Central Asia Standard Time	23 days ago	DISABLED		
TestJob	0 0 0 30 2 *	Running	N. Central Asia Standard Time	N/A	DISABLED		
TestStopJob	* / 10 * * * *	Stopped	N. Central Asia Standard Time	a day ago	a day ago		

Hangfire DashboardJobs 2Retries 0Recurring Jobs 2Servers 1HistoryJob ManagementBack to site

Job Management

Id	Cron	Next Execution	Options
TestErrorJob	0 0 0 30 2 *	DISABLED	
TestJob	0 0 0 30 2 *	DISABLED	
TestStopJob	* / 10 * * * *	a day ago	

Edit

Job Id

TestErrorJob

Cron

0 0 0 30 2 *

Close

Save

1. Что будет если нажать удалить.
Job исчезает из списка, больше не выполняется.
Если ре-стартовать приложения, список Job восстановится и буде выполняться по расписанию.
2. Где указать время хранения лога?
В appsettings выставить: "JobHistoryLifetime": 180