

```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.22631.4169]
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C:\Windows\System32>cd C:\solr-9.7.0\solr-9.7.0\bin

C:\solr-9.7.0\solr-9.7.0\bin>solr start
Java 17 detected. Enabled workaround for SOLR-16463
Java HotSpot(TM) 64-Bit Server VM warning: JVM cannot use large page memory because it does not have enough privilege to
lock pages in memory.
WARNING: A command line option has enabled the Security Manager
WARNING: The Security Manager is deprecated and will be removed in a future release
Failed to parse command-line arguments due to: Unrecognized option: --max-wait-secs

usage: bin/solr status [-maxWaitSecs <SECS>] [--solr-url <URL>]

List of options:
  -maxWaitSecs <SECS>  Wait up to the specified number of seconds to see Solr running.
  --solr-url <URL>     Address of the Solr Web application, defaults to: http://localhost:8983.

Please see the Reference Guide for more tools documentation:
https://solr.apache.org/guide/solr/latest/deployment-guide/solr-control-script-reference.html
```



Dashboard

Logging

Security

Core Admin

Java Properties

Thread Dump

No cores available  
Go and create one

Instance

Start

2 minutes ago

Versions

solr-spec

9.7.0

solr-impl

9.7.0 675a41516e3f3bacfc975590773e7abdca444ff4 - anshum - 2024-09-03 15:05:20

lucene-spec

9.11.1

lucene-impl

9.11.1 0c087dfdd10e0f6f3f6faecc6af4415e671a9e69 - 2024-06-23 12:31:02

JVM

Runtime

Oracle Corporation Java HotSpot(TM) 64-Bit Server VM 17.0.12 17.0.12+8-LTS-286

Processors

4

Args

-Xms512m

-Xmx512m

-Duser.timezone=UTC

-XX:-OmitStackTraceInFastThrow

-XX:+CrashOnOutOfMemoryError

-XX:ErrorFile=C:\solr-9.7.0\solr-9.7.0\server\logs\jvm\_crash\_%p.log

-XX:+UseG1GC

-XX:+PerfDisableSharedMem

-XX:+ParallelRefProcEnabled

-XX:MaxGCPauseMillis=250

-XX:+UseLargePages

-XX:+AlwaysPreTouch

-XX:+ExplicitGCInvokesConcurrent

-Xlog:gc\*:file="C:\solr-9.7.0\solr-9.7.0\server\logs\solr\_gc.log":time,uptime,filecount=9,file

-DdisableAdminUI=false

-Dsolr.jetty.inetaccess.includes=

-Dsolr.ietty.inetaccess.excludes=

System

Physical Memory

90.1%

7.03 GB

7.80 GB

Swap Space

83.2%

9.41 GB

11.30 GB

JVM-Memory

17.6%

89.99 MB

512.00 MB

512.00 MB

Security

WARNING: Security is not enabled for this server!

See security screen for how to enable authentication

TLS enabled? ❌



- Dashboard
- Logging
- Security
- Cloud
- Schema Designer
- Collections**
- Java Properties
- Thread Dump

Collection Sele...

No cores available  
Go and create one

+ Add Collection

Please select a collection or alias

name: techproducts

config set: \_default

numShards: 1

replicationFactor: 1

Show advanced

Add Collection

Cancel



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Collection Sele... ▼

Core Selector ▼

+ Add Collection

✖ Delete collection

↻ Reload

techproducts1

techproducts

✚ Create Alias

Collection: techproducts1

Shard count: 1  
configName: \_default  
replicationFactor: 1  
router: compositeId

Shard: shard1

```
PS C:\Users\ADMIN> Invoke-RestMethod -Method Post -Uri http://localhost:8983/api/collections/techproducts/schema `
>> -Headers @{"Content-Type" = "application/json"} `
>> -Body '{
>>   "add-field": [
>>     {"name": "name", "type": "text_general", "multiValued": false},
>>     {"name": "cat", "type": "string", "multiValued": true},
>>     {"name": "manu", "type": "string"},
>>     {"name": "features", "type": "text_general", "multiValued": true},
>>     {"name": "weight", "type": "pfloat"},
>>     {"name": "price", "type": "pfloat"},
>>     {"name": "popularity", "type": "pint"},
>>     {"name": "inStock", "type": "boolean", "stored": true},
>>     {"name": "store", "type": "location"}
>>   ]
>> }'
```

responseHeader

-----  
@{status=0; QTime=809}

```
PS C:\Users\ADMIN> Invoke-RestMethod -Method Post -Uri "http://localhost:8983/api/collections/techproducts/update?commit=true" `
>> -Headers @{"Content-Type" = "application/json"} `
>> -InFile "C:\solr-9.7.0\solr-9.7.0\example\exampledocs\books.json"

responseHeader
-----
@{rf=1; status=0; QTime=148}
```



```
PS C:\Users\ADMIN> Invoke-RestMethod -Method Post -Uri "http://localhost:8983/api/collections/techproducts/config" `
>> -Headers @{"Content-Type" = "application/json"} `
>> -Body '{"set-property":{"updateHandler.autoCommit.maxTime":15000}}'
```

responseHeader

WARNING

@{status=0; QTime=197} This response format is experimental. It is likely to change in the future.

```
PS C:\Users\ADMIN> cd C:\solr-9.7.0\solr-9.7.0\bin
PS C:\solr-9.7.0\solr-9.7.0\bin> .\solr.cmd start -e cloud
```

Welcome to the SolrCloud example!

This interactive session will help you launch a SolrCloud cluster on your local workstation.  
To begin, how many Solr nodes would you like to run in your local cluster? (specify 1-4 nodes) [2]:

Ok, let's start up 2 Solr nodes for your example SolrCloud cluster.

Please enter the port for node1 [8983]:

8984

Oops! Looks like port 8984 is already being used by another process. Please choose a different port.

8985

Please enter the port for node2 [7574]:

7575

Creating Solr home directory C:\solr-9.7.0\solr-9.7.0\example\cloud\node1\solr


Cloning C:\solr-9.7.0\solr-9.7.0\example\cloud\node1 into

C:\solr-9.7.0\solr-9.7.0\example\cloud\node2

Starting up Solr on port 8985 using command:

"C:\solr-9.7.0\solr-9.7.0\bin\solr.cmd" start --cloud -p 8985 -s "C:\solr-9.7.0\solr-9.7.0\example\cloud\node1\solr"





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No cores available  
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+ Add Collection

✖ Delete collection

🔄 Reload

techproducts

Create Alias

Collection: techproducts

Shard count: 1

configName: techproducts.AUTOCREATED

replicationFactor: 1

router: compositeId

Shard: shard1

state: active

range: 80000000-7fffffff

Replica: core\_node2

core: techproducts\_shard1\_replica\_n1

base URL: http://localhost:8984/solr

node name: localhost:8984\_solr

state: active

leader: ✓

+ add replica