



Migrator Console Application

ASP.NET Zero includes a tool, **Migrator.exe**, to easily migrate your databases. You can run this application to create/migrate host and tenant databases.

```
file:///C:/temp/PhoneBook (1)/Tools/Acme.PhoneBook.Migrator/bin/Debug/Acme.Phone...  
2016-05-10 16:53:14 | Host database: Default  
2016-05-10 16:53:14 | Continue to migration for this host database and all tenants...? (Y/N):  
y  
2016-05-10 16:53:41 | HOST database migration started...  
2016-05-10 16:54:01 | HOST database migration completed.  
2016-05-10 16:54:01 | -----  
2016-05-10 16:54:01 | All databases have been migrated.  
Press ENTER to exit...  
_
```

Feedback

This application gets host connection string from its **own appsettings.json file**. It will be same as in the appsettings.json in .Web project at the beginning. Be sure that the connection string in config file is the database you want. After getting **host connection string**, it first creates the host database or apply migrations if it does already exist. Then it gets connection strings of tenant databases and runs migrations for those databases. It skips a tenant if it has not a dedicated database or its database is already migrated for another tenant (for shared databases between multiple tenants).

You can use this tool on development or on product environment to migrate databases on deployment, instead of EntityFramework's own Migrate.exe (which requires some configuration and can only work for single database in one run).

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