

Презентация Search Machine

C:\SearchMachine\Finder\out\build\vs64-Debug\Finder.exe

Settings loaded successfully:
Host: 127.0.0.1
Port: 5432
Database: testdb
Username: postgres
Username: 1520L
StartPage: https://wiki.openssl.org/index.php/Main_Page
RecursionDepth: 3
Проевка локал...
Tables created successfully.
Welcome http://localhost:8080
New request thread# 0
Request Type GET
Request thread# 0 Closed
New request thread# 1
Request Type POST
Parsed search words: "One"
Request thread# 1 Closed
New request thread# 2
Request Type POST
Parsed search words: "two four"
Request thread# 2 Closed

Search Results

← → ↻ 📄 localhost:8080/search

Search Results

two four

Search

Word	URL	Frequency
two	https://wiki.openssl.org/index.php/Elliptic_Curve_Cryptography	4
two	https://wiki.openssl.org/index.php/TLS1.3	4
two	https://wiki.openssl.org/index.php?title=TLS1.3&action=edit&section=10	4
two	https://wiki.openssl.org/index.php/EVP_Signing_and_Verifying	2
two	https://wiki.openssl.org/index.php/EVP_Key_Agreement	1
two	https://wiki.openssl.org/index.php/EVP_Message_Digests	1
two	https://wiki.openssl.org/index.php/EVP_Symmetric_Encryption_and_Decryption	1
two	https://wiki.openssl.org/index.php/FIPS_modules	1
two	https://wiki.openssl.org/index.php/How_to_Integrate_a_Symmetric_Cipher	1
two	https://wiki.openssl.org/index.php/Libcrypto_API	1
two	https://wiki.openssl.org/index.php/Memory_management_internals	1
two	https://wiki.openssl.org/index.php/SSL_and_TLS_Protocols	1
two	https://wiki.openssl.org/index.php/STACK_API	1
two	https://wiki.openssl.org/index.php/Use_of_Git	1
two	https://wiki.openssl.org/index.php/Use_of_Git?Use_of_Git_with_OpenSSL_source_tree	1
two	https://wiki.openssl.org/index.php/Use_of_Git?Use_of_Git_with_the_OpenSSL_web_site	1
two	https://wiki.openssl.org/index.php/User_talk:Jwalton	1
two	https://wiki.openssl.org/index.php/Versioning	1
two	https://wiki.openssl.org/index.php/Welcome	1
two	https://wiki.openssl.org/index.php?title=Code_reformatting&action=edit&section=1	1
two	https://wiki.openssl.org/index.php?title=EVP&action=edit	1
two	https://wiki.openssl.org/index.php?title=EVP&action=edit&section=1	1

1. BeastBoost

1. Скачиваем BeastBoost 1_85_0 по ссылке

https://sourceforge.net/projects/boost/files/boost-binaries/1.85.0/boost_1_85_0-bin-msvc-all-32-64.7z/download

2. Boost устанавливаем, запустив bootstrap.bat или sh

3. В командной строке Boost запускаем две команды:

- первая:

.\b2 toolset=msvc address-model=64 -j4 threading=multi link=static runtime-link=shared variant=debug runtime-debugging=on

- вторая:

.\b2 toolset=msvc address-model=64 -j4 threading=multi link=static runtime-link=shared variant=release runtime-debugging=off

4. Удаляем папку \bin.v2 (в ней хранятся промежуточные файлы сборки).

2. PostgreSQL

1. Скачиваем PostgreSQL 16 по ссылке:

<https://sbp.enterprisedb.com/getfile.jsp?fileid=1259177>

2. Устанавливаем, не снимая галочек с компонентов

3. Создаем базу данных на сервере с кодировкой win1251. Если это не удастся, выбираем другой шаблон. Также настраиваем Collation, Character type и Host name: 127.0.0.1 и задаем пароль как в файле конфигурации.

The screenshot shows the 'testdb' configuration window with the 'Definition' tab selected. The window has a title bar with a close button (X) and a tab bar with the following tabs: General, Definition (active), Security, Parameters, Default Privileges, Advanced, and SQL. The 'Definition' tab contains the following settings:

- Encoding: WIN1251
- Tablespace: pg_default (with a dropdown arrow)
- Locale Provider: libc
- Collation: Russian_Russia.1251
- Character type: Russian_Russia.1251
- ICU Locale: (empty field)
- ICU Rules: (empty field)
- Connection limit: -1
- Template?: (disabled toggle switch)

At the bottom of the window, there is a note: "Note: When the preferences setting 'show template databases' is set to false, then template databases won't be displayed in the object explorer." Below the note are three buttons: 'Close' (with an X icon), 'Reset' (with a circular arrow icon), and 'Save' (with a floppy disk icon). There are also two small icons (an information 'i' icon and a question mark '?' icon) on the bottom left.

PostgreSQL 16

General Connection Parameters SSH Tunnel Advanced

Host name/address localhost

Port 5432

Maintenance database postgres

Username postgres

Kerberos authentication? ☐

Role

Service

Close Reset Save

4. В переменные среды добавляем пути до исполняемых файлов и библиотек PostgreSQL:

C:\Program Files\PostgreSQL\16\lib

C:\Program Files\PostgreSQL\16\bin

Перезагружаем компьютер

5. Скачиваем OpenSSL-3_4_0 по ссылке:

<https://github.com/openssl/openssl/archive/refs/tags/openssl-3.4.0.zip>

и устанавливаем, выбирая при установке:

«The Windows system directory»

6. Запускаем pg Admin, открываем файл dropTables.sql со скриптом для PostgreSQL.
7. Pages → Select Script → Run, все скрипты перезапускаем на таблицах, также как в таблице Pages.

3. Прочее

1. Microsoft Visual Studio 2022
2. Windows 11
3. Mozilla Firefox 131.0.3