

DBeaver

Machop Team

2020.03.02.

- DBeaver alkalmazás
- Szerkezet
- Demo
- (Hiányosságok)

- multiplatform
- széleskörű adatbázis támogatás
- Cloud adatforrások támogatása
- Eclipse RCP applikáció
- ingyenes (és EE változat)

Az alkalmazás plugin-ekből épül fel, mely a plugin modulben található, ezenkívül még pár fontosabb modul:

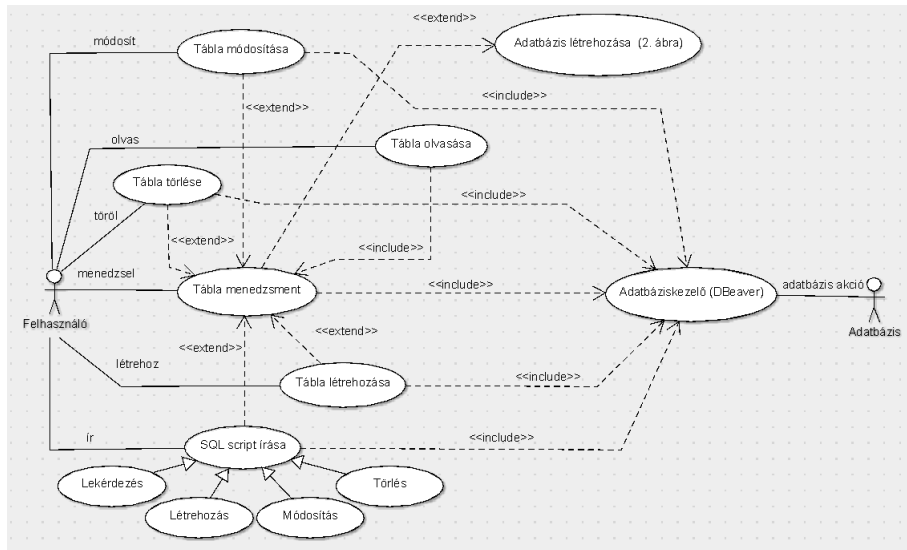
- Docs
- Features
- Bundles
- Product

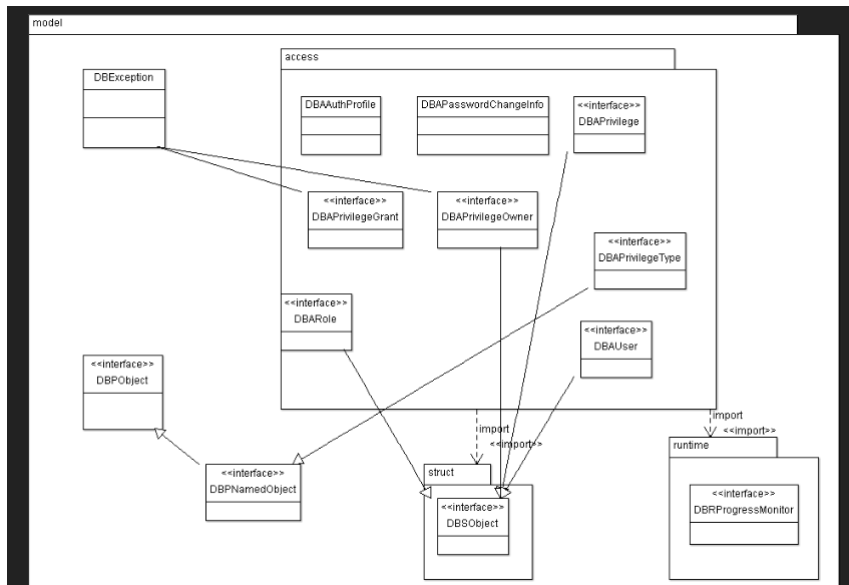
Szerkezet

Buildelés

```
Fájl Szerkesztés Nézet Keresés Terminál Súgó
ton@ton-HP-EliteBook-820-G1 ~/A/p/presentation [128] >
git clone https://github.com/dbeaver/dbeaver.git
Cloning into 'dbeaver'...
remote: Enumerating objects: 16, done.
remote: Counting objects: 100% (16/16), done.
remote: Compressing objects: 100% (12/12), done.
remote: Total 333400 (delta 0), reused 5 (delta 0), pack-reused 333384
Receiving objects: 100% (333400/333400), 232.53 MiB | 307.00 KiB/s, done.
Resolving deltas: 100% (214056/214056), done.
ton@ton-HP-EliteBook-820-G1 ~/A/p/presentation> cd dbeaver/
ton@ton-HP-EliteBook-820-G1 ~/A/p/p/dbeaver (dev)> mvn package
[INFO] Scanning for projects...
[INFO] Computing target platform for MavenProject: org.jkiss.dbeaver:org.jkiss.
utils:2.1.111-SNAPSHOT @ /home/ton/Asztal/projects/presentation/dbeaver/bundles
/org.jkiss.utils/pon.xml
[INFO] Fetching p2.index from https://download.eclipse.org/releases/2019-12/
[INFO] Fetching p2.index from https://download.eclipse.org/releases/2019-12/
[INFO] Adding repository https://download.eclipse.org/releases/2019-12
[INFO] Fetching p2.index from https://download.eclipse.org/technology/epp/packa
ges/2019-12/
[INFO] Fetching p2.index from https://download.eclipse.org/technology/epp/packa
ges/2019-12/
[INFO] Fetching p2.index from https://download.eclipse.org/releases/2019-12/201
912181000/
[INFO] Fetching p2.index from https://download.eclipse.org/releases/2019-12/201
912181000/
[INFO] Adding repository https://dbeaver.io/eclipse-repo
```

```
Fájl Szerkesztés Nézet Keresés Terminál Súgó
[INFO] org.jkiss.dbeaver.ide.feature 7.0.0-SNAPSHOT ..... SUCCESS [ 0.122 s]
[INFO] org.jkiss.dbeaver.standalone.feature 7.0.0-SNAPSHOT .. SUCCESS [ 0.252 s]
[INFO] org.jkiss.dbeaver.appstore.feature 7.0.0-SNAPSHOT .. SUCCESS [ 0.239 s]
[INFO] org.jkiss.dbeaver.ce.feature 7.0.0-SNAPSHOT ..... SUCCESS [ 0.131 s]
[INFO] org.jkiss.dbeaver.ext.office.feature 1.1.65-SNAPSHOT SUCCESS [ 0.042 s]
[INFO] org.jkiss.dbeaver.ext.ui.svg.feature 1.0.64-SNAPSHOT SUCCESS [ 0.044 s]
[INFO] org.jkiss.dbeaver.net.sshj.feature 1.0.49-SNAPSHOT . SUCCESS [ 0.036 s]
[INFO] org.jkiss.dbeaver.git.feature 1.0.16-SNAPSHOT ..... SUCCESS [ 0.175 s]
[INFO] Features 1.0.0-SNAPSHOT ..... SUCCESS [ 0.002 s]
[INFO] DBEaver CE AppStore 7.0.0-SNAPSHOT ..... SUCCESS [ 14.153 s]
[INFO] DBEaver CE Standalone 7.0.0-SNAPSHOT ..... SUCCESS [ 11.719 s]
[INFO] DBEaver P2 Repositories 1.0.0-SNAPSHOT ..... SUCCESS [ 0.010 s]
[INFO] DBEaver CE Repository 1.0.0-SNAPSHOT ..... SUCCESS [ 3.796 s]
[INFO] DBEaver - Debug support 1.0.0-SNAPSHOT ..... SUCCESS [ 1.232 s]
[INFO] DBEaver - Office support 1.0.0-SNAPSHOT ..... SUCCESS [ 1.355 s]
[INFO] DBEaver - SVG support 1.0.0-SNAPSHOT ..... SUCCESS [ 1.257 s]
[INFO] DBEaver - SSHJ support 1.0.0-SNAPSHOT ..... SUCCESS [ 1.147 s]
[INFO] DBEaver - Git support 1.0.0-SNAPSHOT ..... SUCCESS [ 1.332 s]
[INFO] org.jkiss.dbeaver.ext.test 1.0.132-SNAPSHOT ..... SUCCESS [ 0.137 s]
[INFO] tests 1.0.0-SNAPSHOT ..... SUCCESS [ 0.002 s]
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 02:09 min
[INFO] Finished at: 2020-03-03T09:25:02+01:00
[INFO] -----
ton@ton-HP-EliteBook-820-G1 ~/A/p/p/dbeaver: (dev)>
```





Demo

- Projekt importálhatósága
- Dokumentáció

```
> org.jkiss.dbeaver.cmp.simple [dbeaver devel]
> org.jkiss.dbeaver.cmp.simple.ui [dbeaver devel]
> org.jkiss.dbeaver.core [dbeaver devel]
> org.jkiss.dbeaver.core.application [dbeaver devel]
> org.jkiss.dbeaver.core.eclipse [dbeaver devel]
> org.jkiss.dbeaver.data.console [dbeaver devel]
> org.jkiss.dbeaver.data.gis [dbeaver devel]
> org.jkiss.dbeaver.data.gis.view [dbeaver devel]
> org.jkiss.dbeaver.data.office [dbeaver devel]
> org.jkiss.dbeaver.data.transfer [dbeaver devel]
> org.jkiss.dbeaver.data.transfer.ui [dbeaver devel]
> org.jkiss.dbeaver.debug.core [dbeaver devel]
> org.jkiss.dbeaver.debug.ui [dbeaver devel]
> org.jkiss.dbeaver.ext.athena [dbeaver devel]
> org.jkiss.dbeaver.ext.bigquery [dbeaver devel]
> org.jkiss.dbeaver.ext.clickhouse [dbeaver devel]
```

```
public Object execute(ExecutionEvent event) throws ExecutionException {
    final IWorkbenchWindow workbenchWindow = HandlerUtil.getActiveWorkbenchWindow(event);
    final ISelection selection = HandlerUtil.getCurrentSelection(event);
    if (!(selection instanceof IStructuredSelection)) {
        return null;
    }
    IStructuredSelection ss = (IStructuredSelection)selection;
    if (ss.size() < 2) {
        DBWorkbench.getPlatformUI().showError("Just one object selected", "At least two (
        return null;
    }
    List<DBNDatabaseNode> nodes = new ArrayList<>();
    Class<?> firstType = null;
    DBXTreeNode firstMeta = null;
    for (Iterator<?> iter = ss.iterator(); iter.hasNext(); ) {
        DBNDatabaseNode node = (DBNDatabaseNode) iter.next();
        DBXTreeNode meta = null;
        if (node instanceof DBNDatabaseFolder) {
            meta = node.getMeta();
            if (firstMeta == null) {
                firstMeta = meta;
            }
        }
        if (node.getObject() == null) {
            log.error("Bad node with null object");
            return null;
        }
    }
}
```

Sajnos IntelliJ-ben sem sokkal jobb a helyzet



Köszönjük a figyelmet!