

# Migration Helper

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## History

Version	Date	Created / Edit by
1.2.0	2019-04-07	A. Pouwels

## General

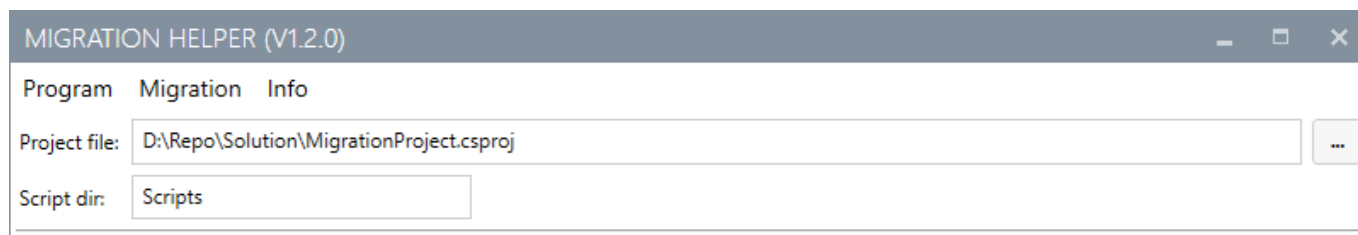
The *Migration Helper* is a small tool to create migration script for projects which uses the migration project [dbup](#).

## Usage

### First use

When you start the migration helper for the first time, some settings have to be made:

1. **Project file:** Add the path of the migration project file.
2. **Script dir:** Add the name of the script directory (if you don't have a separate direcotry for the scripts, leave the field blank).



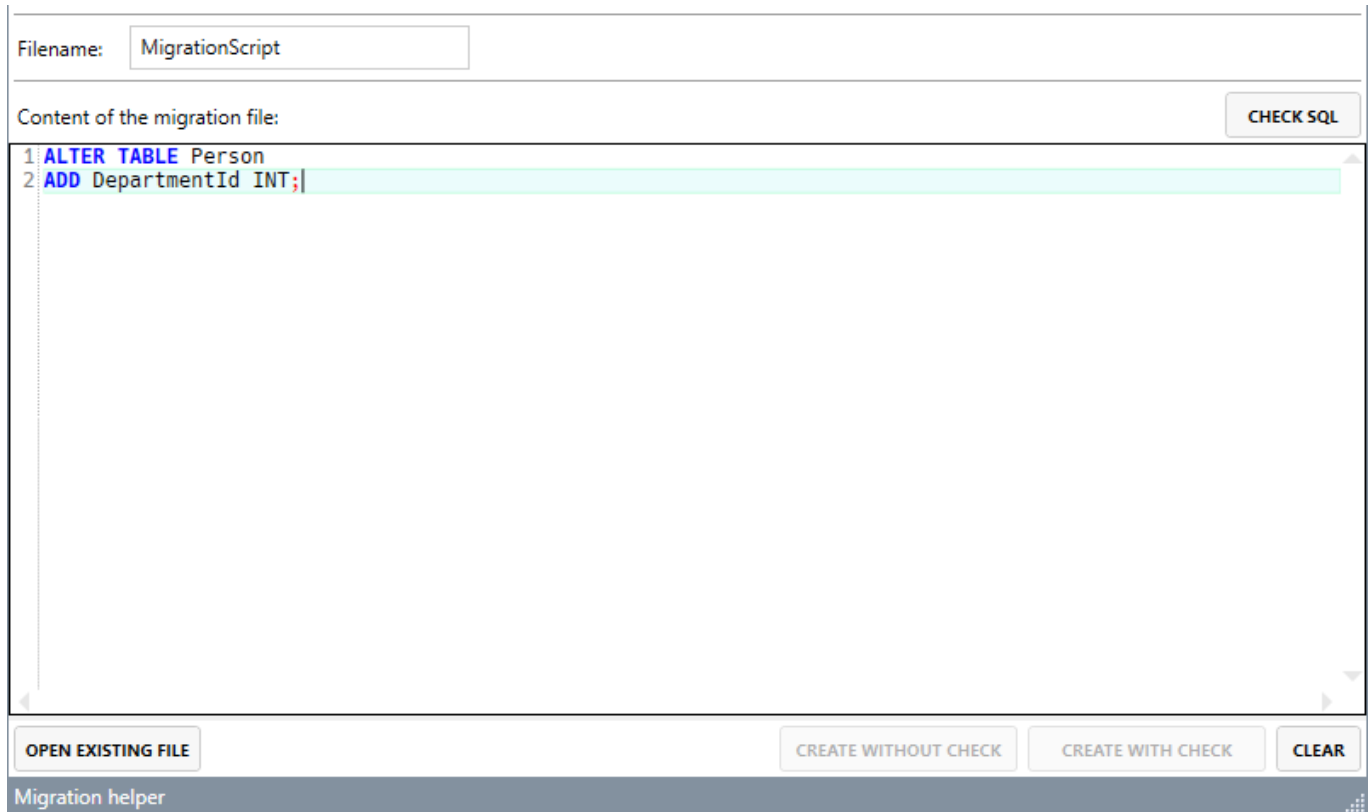
MIGRATION HELPER (V1.2.0)

Program Migration Info

Project file: D:\Repo\Solution\MigrationProject.csproj ...

Script dir: Scripts

### Create migration script



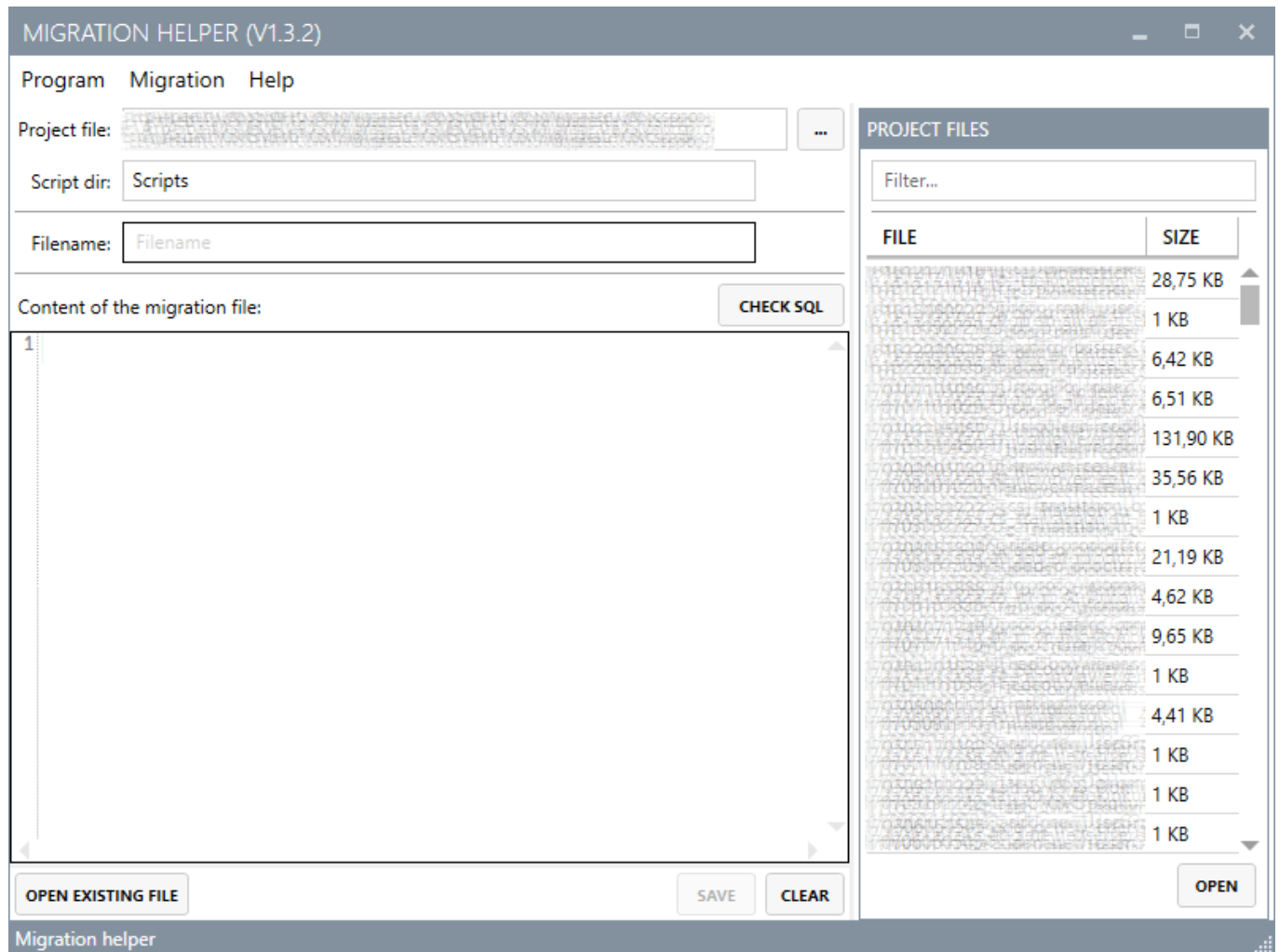
The screenshot shows a web-based interface for creating or editing a migration script. At the top, there is a text input field labeled 'Filename:' containing the text 'MigrationScript'. Below this is a large text area labeled 'Content of the migration file:'. Inside this area, the following SQL code is entered: `1 ALTER TABLE Person` and `2 ADD DepartmentId INT;`. The second line is highlighted in light green. To the right of the text area is a button labeled 'CHECK SQL'. At the bottom of the interface, there are four buttons: 'OPEN EXISTING FILE', 'CREATE WITHOUT CHECK', 'CREATE WITH CHECK', and 'CLEAR'. The bottom-most bar of the interface is labeled 'Migration helper' on the left and has a small icon of three dots on the right.

1. Add the name of the migration script (*Filename*)
2. Add the sql query or use an existing script file (*Open existing file*)

Now you have the following three options:

1. **Check sql:** Parses the sql script and checks it for errors (this method uses the MS SQL parser)
2. **Create without check:** Creates the migration script without a check for errors.
3. **Create with check:** Checks the script for errors. If the script doesn't contain any errors, the migration script will be create.
4. **Clear:** Clears the filename and the editor.

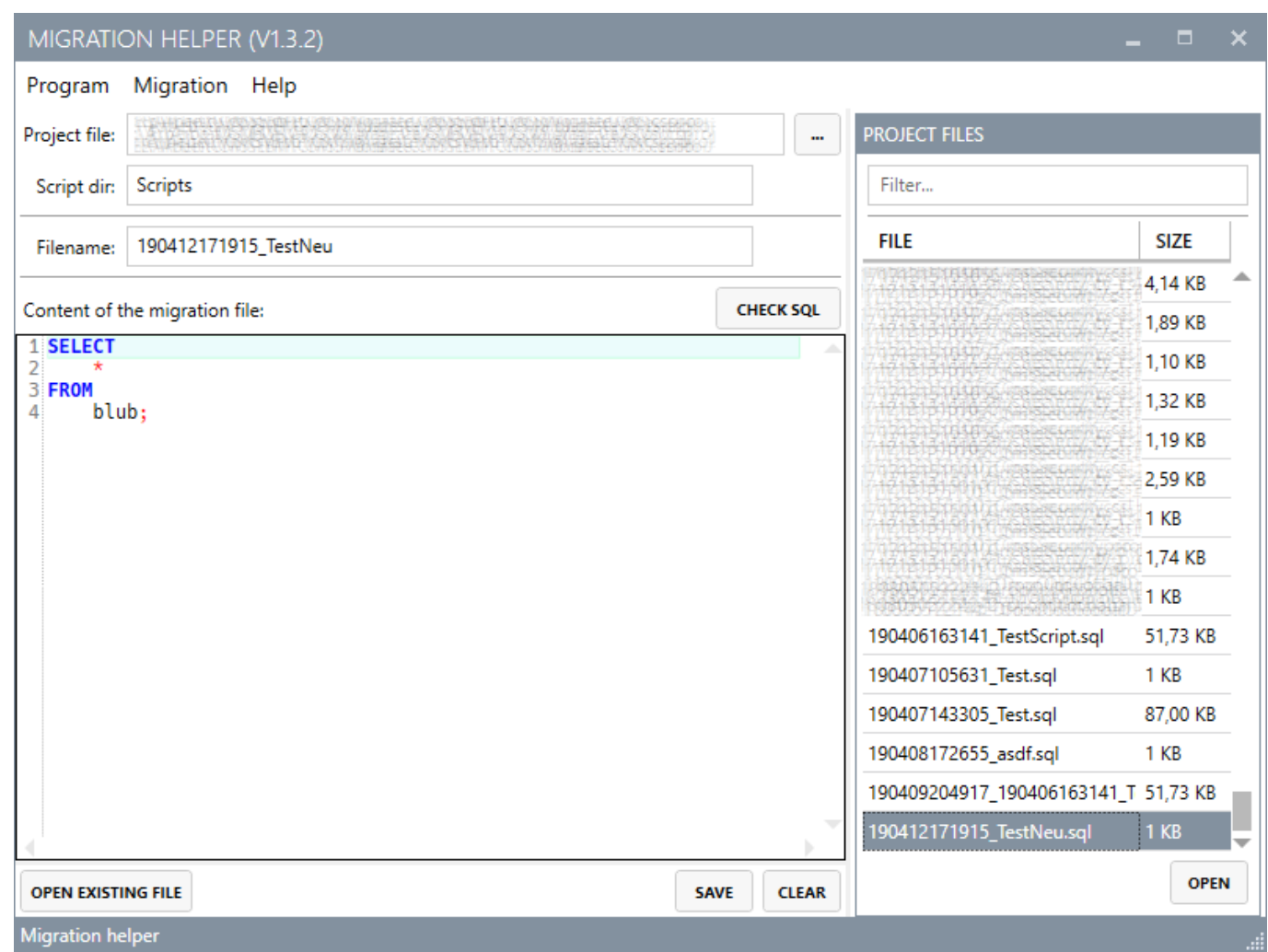
Edit migration script



If you want to edit an existing migration script you can select it from the right. All migration scripts which are stored in the given directory (*Script dir*) will be shown on the right.

## Analyze errors

If your script contains errors they will be shown under the editor:



You can perform a double click on the error and the cursor in the editor will jump to the desired position.