QGIS Application - Bug report #21148
Save project to PostGreSQL doesn't work with PostGreSQL 9.4 and older

2019-02-01 02:00 PM - Michel Stuyts

Status:	Open		
Priority:	Normal		
Assignee:			
Category:	Project Loading/Saving		
Affected QGIS version:	3.4.4	**Regression?:**	No
Operating System:	Windows 10 & Ubuntu Linux 16.04 LTS	**Easy fix?:**	No
Pull Request or Patch supplied:	No	**Resolution:**	
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	28966

Description

The functionality to save a project to PostgreSQL will only work with PostgreSQL versions 9.5 and newer, because:

   - the datatype JSONB was introduced in PostgreSQL 9.4
   - the ON CONFLICT clause was introduced in PostgreSQL 9.5

Problem:

   - It's possible to check "Allow saving/loading QGIS projects in the database" in the Database Connection Settings for PostgreSQL databases older than version 9.5.

   - When this checkbox is checked, it is possible to select Save To -> PostgreSQL in the Menu. After selecting a database, a schema and a project it will show an error that doesn't show the problem is the PostgreSQL version that is being used.

Expected behavior:

   - It's not possible to check the checkbox "Allow saving/loading QGIS projects in the database" for PostgreSQL databases older than version 9.5.

   - Somewhere should be mentioned that this functionality only works with version 9.5 and newer.

Ideal behavior:

   - Saving projects to PostgreSQL also works in older versions of PostgreSQL