

# Surround SCM PostgreSQL Installation Fails on Linux

## Problem

When you install PostgreSQL on Linux, the installation fails and the following error is returned:

```
'ERROR: encoding UTF8 does not match server's locale en_US'
```

## Cause

Surround SCM 2009 and later supports UTF-8 metadata and requires a UTF-8 encoded database. Because PostgreSQL on Linux is restricted to using character sets that are compatible with the server's LC\_CTYPE setting, which is defined at the operating system's installation, PostgreSQL may not allow the creation of a UTF-8 encoded database.

## Solution

You need to change the locale LC\_CTYPE settings of your Linux server installation. The server's LC\_CTYPE must be UTF8, C, or POSIX. Refer to your Linux distribution's documentation for information on supported locales and how to modify the configuration. Also, see the [PostgreSQL Character Set Support documentation](#) for additional information about character encodings.

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