**NAME**

   gpre − Firebird source pre−processor

**SYNOPSIS**

   **gpre** [*option...*] *input output*

**DESCRIPTION**

   **gpre** is a source pre-processor for easier writing of programs working with the raw Firebird API. It supports multiple source languages. Using **gpre**, you can mix special SQL-like language with the normal program source.

**OPTIONS**

   **−ada**

   Source is an Ada program.

   **−handles** *package name*

   Ada only. Specifies the handles package.

   **−c**   Source is a C program.

   **−cxx | −cplusplus**

   Source is a C++ program.

   **−database** *name*

   Pre-define database connection.

   **−d_float**

   Generate `blr_d_float` for doubles.

   **−either_case**

   Accept upper or lower case DML in C.

   **−fetch_password**

   Fetch password from file.

   **−charset** *string*

   Default character set & format.

   **−lang_internal**

   Set some variables to defaults usable for internal Firebird use.

   **−manual**

   Do not automatically ATTACH to a database.

   **−no_lines**

   Do not generate C debug lines.

   **−output**

   Send output to standard out

   **−password** *string*

   Default password.

   **−raw**

   Generate unformatted binary BLR.

   **−sql_dialect** *value*

   SQL dialect to use.

   **−sqlda** N

   Deprecated feature.

   **−user** *name*

   Default user name.

**−verbose**
> Verbose output to stderr.

**−x**   External database (used with **−database**).

**−cob**
> Source is a COBOL program.

**−ansi**
> Generate ANSI85 compatible COBOL code.

**−rmc**
> RM/Cobol

**−z**   Print software version.

**−base** *dir*
> Base directory for compile-time database.

**−dfm** *format*
> COBOL date format

**−noqli**
> Suppress QLI syntax.

**−fortran**
> Source is a FORTRAN program.

**−pascal**
> Source is a Pascal program.

**−trusted**
> Use trusted authentication.

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