.. \_intro:

Introduction

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phpMyAdmin can manage a whole MySQL server (needs a super-user) as

well as a single database. To accomplish the latter you'll need a

properly set up MySQL user who can read/write only the desired

database. It's up to you to look up the appropriate part in the MySQL

manual.

Supported features

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Currently phpMyAdmin can:

\* browse and drop databases, tables, views, columns and indexes

\* display multiple results sets through stored procedures or queries

\* create, copy, drop, rename and alter databases, tables, columns and

indexes

\* maintenance server, databases and tables, with proposals on server

configuration

\* execute, edit and bookmark any :term:`SQL`-statement, even batch-queries

\* load text files into tables

\* create [#f1]\_ and read dumps of tables

\* export [#f1]\_ data to various formats: :term:`CSV`, :term:`XML`, :term:`PDF`,

:term:`ISO`/:term:`IEC` 26300 - :term:`OpenDocument` Text and Spreadsheet, Microsoft

Word 2000, and LATEX formats

\* import data and :term:`MySQL` structures from :term:`OpenDocument` spreadsheets, as

well as :term:`XML`, :term:`CSV`, and :term:`SQL` files

\* administer multiple servers

\* manage MySQL users and privileges

\* check referential integrity in MyISAM tables

\* using Query-by-example (QBE), create complex queries automatically

connecting required tables

\* create :term:`PDF` graphics of your

database layout

\* search globally in a database or a subset of it

\* transform stored data into any format using a set of predefined

functions, like displaying BLOB-data as image or download-link

\* track changes on databases, tables and views

\* support InnoDB tables and foreign keys

\* support mysqli, the improved MySQL extension see :ref:`faq1\_17`

\* create, edit, call, export and drop stored procedures and functions

\* create, edit, export and drop events and triggers

\* communicate in `80 different languages

<https://www.phpmyadmin.net/translations/>`\_

A word about users

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Many people have difficulty understanding the concept of user

management with regards to phpMyAdmin. When a user logs in to

phpMyAdmin, that username and password are passed directly to MySQL.

phpMyAdmin does no account management on its own (other than allowing

one to manipulate the MySQL user account information); all users must

be valid MySQL users.

.. rubric:: Footnotes

.. [#f1]

phpMyAdmin can compress (:term:`Zip`, :term:`GZip` or :term:`RFC 1952`

formats) dumps and :term:`CSV` exports if you use PHP with

:term:`Zlib` support (``--with-zlib``).

Proper support may also need changes in :file:`php.ini`.