

Environment Requirements

Moodle environment requirements are defined in the file `admin/environment.xml`.

For each major Moodle version this defines things like:

- Minimum database versions for each platform (MySQL, MariaDB, PostGreSQL, Microsoft SQL Server or Oracle)
- Minimum PHP version
- Required and optional PHP extensions (e.g. `curl`, `openssl`, `mbstring` etc) including the plugins that might require them.
- Required and optional PHP settings (e.g. `memory_limit`, `file_uploads`, `opcache.enable` etc)
- Any custom checks usually defined in `lib/upgradelib.php` such as `check_database_storage_engine` and `check_database_tables_row_format`

These are the checks you see when you perform an install or upgrade and are available in the server environment page under:

Site administration > Server > Environment

`/admin/environment.php`

As this file is in the git repository, you can query its `log` in the `master` branch to see the latest updates to the file i.e.

```
(master)$ git log admin/environment.xml
```

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