Jackalope Doctrine DBAL: input data check

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What was wrong?

- Jackalope serializes input data into XML.

- XML is really sensitive about characters it consists of.

- Serialization is done by Jackalope Doctrine DBAL itself, data parsing by built-in libraries.

- Those built-in libraries cannot handle invalid characters and throws exceptions (as by XML specification).

- ➔ We have to prevent inserting those invalid XML documents into database.

Timeline

- 12th May 2013: Issue about this error created. Proposed solution is rejected, as it does not comply the Content Repository specification and the issue is being ignored.

- 1st September 2013: We encountered this bug at my job. Communication with developers.

- 2nd September 2013: Pull-request creation.

- 3rd September 2013: Feedback from developers.

- 4th September 2013: Feedback implemented. Code merged to master branch.

- 21st March 2015: Code refactored by maintainers and moved into different a project.

Results

- Patch accepted almost flawlessly.

- Part of a library for 18 months without any change.

- The core and gist of my patch is still being used.

- I learned several PHP and GitHub tricks.

Questions?

- Thank you for your attention.