

Kurzfassung der Studienarbeit

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| Abteilung | Informatik | | | | | | | | | | |
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| Studienjahr | | | | | | | | | | | |
| Titel der Studienarbeit | Refactoring Support for the PHP Eclipse Plugin | | | | | | | | | | |
| Examinatorin / Examinator | Peter Sommerlad | | | | | | | | | | |
| Themengebiet | Software Development/Refactoring | | | | | | | | | | |
| Projektpartner | | | | | | | | | | | |
| Institut | Institute for Software | | | | | | | | | | |
| Kurzfassung der Studienarbeit | | | | | | | | | | | |
| <p>Refactoring means restructuring existing code without changing its external behavior but improving its design. This useful technique makes the developer's life much easier. Today most common Integrated Development Environments (IDE) support some kind of automated refactoring. This semester project implements some refactorings for PHP.</p> <p>PDT, the PHP plug-in for Eclipse, the most preferred Java IDE, provides no refactoring functionality. Zend the maintainer of the PDT project charges a fee for an extended version of PDT that includes refactoring. This project however will extend the free opensource version of PDT with the following refactorings:</p> <table data-bbox="319 1254 989 1456"> <tr> <td>Rename Function</td> <td>Extract Function</td> </tr> <tr> <td>Rename Class</td> <td>Extract Method</td> </tr> <tr> <td>Rename Method</td> <td>Move Code</td> </tr> <tr> <td>Rename Field</td> <td></td> </tr> <tr> <td>Rename Variable</td> <td></td> </tr> </table> <p>The second important task of this project is to integrate the refactoring plug-in (this project) into PDT.</p> | | Rename Function | Extract Function | Rename Class | Extract Method | Rename Method | Move Code | Rename Field | | Rename Variable | |
| Rename Function | Extract Function | | | | | | | | | | |
| Rename Class | Extract Method | | | | | | | | | | |
| Rename Method | Move Code | | | | | | | | | | |
| Rename Field | | | | | | | | | | | |
| Rename Variable | | | | | | | | | | | |