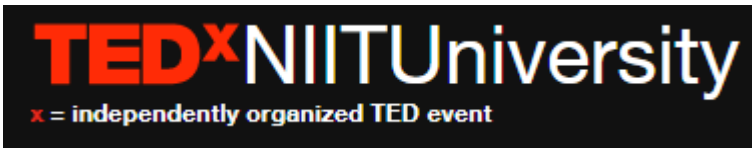
Software Complexity Metrics Report



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Introduction

In this report we have tried to include all the checks for possible complexity metrics for the correspondence theory that we have gone through in lectures. We have a pool of following metrics with us:

- **CK (Chidamber & Kemerer) Metrics, wherever possible.**
- **Physical LOC**
- **Logical LOC**
- **Cyclomatic Complexity**
- **Maintainability Index**

Additionally, For the snippet of code written in HTML, we are interested in;

- **LOC**
- **HTML Tags**
- **Percent Complex Tags**
- **File Downloads**
- **Scripts**

Additionally, For the snippet of code written in CSS, we are interested in;

- Total rules
- Total selectors
- File Size

Additionally, For the snippet of code written in PHP, we are interested in;

- Calls
- LOC
- As for others!

Note: Since, is procedural; we get 0 for all the listed parameters.

NOTE: Tools that we made use of;

1. **JavaScript: NPMJS Complexity-Report (Package of NPM)**
   - **https://www.npmjs.com/package/complexity-report**
2. **HTML: SourceMonitor (Desktop App)**
   - **http://www.campwoodsw.com/sourcemonitor.html**
3. **CSS: Parker JS and Grunt**
4. **PHP: Grunt**