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| Problem/Challenge | |  | | | | | | | | | | |
| Irritation | |  | | | | | | | | | | |
| Chance/Opportunity | |  | | | | | | | | | | |
| Knowledge/Experience | |  | | | | | | | | | | |
|  | **High/Broad** | | | | | **Conceptual Level** | | | **Low/Narrow** | | | |
|  | Lifecycle Stage | | Process | Concept | Design Pattern | | Framework | Library | | API | Algorithm | Syntax |
| **Benefit** |  | |  |  |  | |  |  | |  |  |  |
| Compatibility |  | |  |  |  | |  |  | |  |  |  |
| Efficiency |  | |  |  |  | |  |  | |  |  |  |
| Extensibility |  | |  |  |  | |  |  | |  |  |  |
| Maintainability |  | |  |  |  | |  |  | |  |  |  |
| Operability |  | |  |  |  | |  |  | |  |  |  |
| Optimization |  | |  |  |  | |  |  | |  |  |  |
| Performance |  | |  |  |  | |  |  | |  |  |  |
| Portability |  | |  |  |  | |  |  | |  |  |  |
| Quality |  | |  |  |  | |  |  | |  |  |  |

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| **Benefit** |  | |  |  |  | |  |  | |  |  |  |
| Reliability |  | |  |  |  | |  |  | |  |  |  |
| Scalability |  | |  |  |  | |  |  | |  |  |  |
| Security |  | |  |  |  | |  |  | |  |  |  |
| Simplicity |  | |  |  |  | |  |  | |  |  |  |
| Stability |  | |  |  |  | |  |  | |  |  |  |
| Supportability |  | |  |  |  | |  |  | |  |  |  |
| Testability |  | |  |  |  | |  |  | |  |  |  |
| Usability |  | |  |  |  | |  |  | |  |  |  |

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| Compatibility |  | |  |  |  | |  |  | |  |  |  |
| Efficiency |  | |  |  |  | |  |  | |  |  |  |
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| Maintainability |  | |  |  |  | |  |  | |  |  |  |
| Operability |  | |  |  |  | |  |  | |  |  |  |
| Optimization |  | |  |  |  | |  |  | |  |  |  |
| Performance |  | |  |  |  | |  |  | |  |  |  |
| Portability |  | |  |  |  | |  |  | |  |  |  |
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