Document Reference

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Document Control

Changes History

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| 0.1 |  |  | Initial draft | Draft |
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References

1. Concise Oxford English Dictionary, 11th edition
2. Managing Successful Projects with PRINCE2, 2009
3. ITIL v3, 2011
4. CMMI v1.3, 2011
5. Scrum, 2017
6. Software Engineering: A Practitioner's Approach, 2009

Definitions

| Term | Meaning |
| --- | --- |
| GitHub | A Webhosted Version Control Tool, primarily used for software |

Acronyms

|  |  |
| --- | --- |
| Acronym | Meaning |
| SCM | Software Configuration Management |
| CM | Configuration Management |
|  |  |

# Purpose and Scope of the Document

## Scope

This document will serve to outline a review of GitHub within Travis Perkins. This will detail how its used, recommended adaptations and adoptions both within the existing process, and within Momentum.

This document will be broken into distinct sections. The first will describe GitHub (1.2), the second how GitHub is in use within Travis Perkins (2) and thirdly how GitHub could be adapted and adopted into wider use across Travis Perkins and Momentum (3); as a Configuration Management System, or part thereof.

## Overview of GitHub

GitHub is a development platform, used to host and review code development. It also can be utilised to manage projects and other objects. It utilises the GIT Version Control System (a command line driven version control system) and provides an interface into that tool (creating a repository that can be shared and viewed by other users via a URL).

GitHub also contains functions for;

* ‘Forking’ which allows for developers to take existing repositories as new repositories, making for a convenient means of sharing reusable code elsewhere within a project.
* ‘Pulling’, by which a fork repository can be drawn back to the original repository.
* Networking, allowing other developers within a project to comment on and review and collaborate on existing revisions, within the tool, rather than externally.
* Changelogs within the repository for each revision, recording changes made by users within each revision.

## Maintenance of this Document

This document will be form a single issued report. As such it will be distributed in draft format for review, and once approved, issued as the final report.

# GitHub within Travis Perkins

This section of the document details x and here is an example table

# Review of GitHub: Adaptation and Adoption

This section of the document

## Subheading

This is an example of heading structure

### Subheading

This is an example of heading structure

#### Level Four Heading

This is an example of heading structure

# Conclusions

# Appendix A - Example

|  |  |  |  |
| --- | --- | --- | --- |
| Example Name | Type | Version | Provided and Acceptable? |
| Install Guide | Document |  |  |
| Release Note | Document |  |  |
| Architecture Design | Infrastructure |  |  |
| Architecture Configuration Guide | Configuration |  |  |
| Certificates | Item |  |  |
| CMDB CIs | Release Baseline |  |  |
| CI | Build Baseline |  |  |

Table 0-1 Prerequisites Check List

# Appendix B – Heading