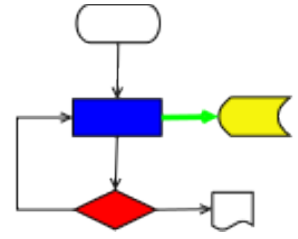


VICI



VISUAL CHART INTERPRETER
Document Plan

Publication History

Date	Who	What Changes
30 May 2013	Brenton Ross	Initial version
1 November 2014	Brenton Ross	Added reference to Increment Plan



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1 Introduction

This document describes the documentation that will be produced during the development of the VICI project.

1.1 Scope

The plan includes both those documents produced to support and document the development process and the documents that are part of the deliverable suite.

1.2 Overview

This document will have four sections describing documents. The first will describe the general characteristics of project documents; the second will describe the preliminary project documents; the third will describe the design documents; and the fourth will describe the deliverable documents.

1.3 Audience

This document is intended to be used by anyone trying to understand what the various documents are for.

2 General Characteristics

This section describes the common characteristics of the VICI project documents.

2.1 *Template*

All VICI documents, except where noted, should be created from the provided template, VICI.ott

The following properties should be set:

Description | Title: The name of the document, eg Document Plan

Custom Properties | Project: VICI

Custom Properties | Project Name: Visual Chart Interpreter

2.2 *License*

The documents described in this document will all be released under the Creative Commons Attribution-Share Alike 3.0 Unported License.

3 Preliminary Documents

The preliminary documents are those that precede the detailed design tasks. The following documents describe the preliminary work for the project.

3.1 Vision

The vision document outlines the initial ideas for the project. It should be able to convey the aim of the project for the first time visitor.

It will exist in both LibreOffice and PDF forms. It will not conform to the general characteristics of VICI project documents, but will be a simple single page document.

This document will also form the basis of the home page for the project web site.

The vision document is not expected to be changed from its original form.

3.2 Preliminary Analysis

The VICI-preliminary-analysis document describes the initial research done to establish the feasibility of the project.

It will exist in both LibreOffice and PDF forms.

The preliminary analysis document is not expected to be changed from its original form.

3.3 Glossary

The VICI-glossary document describes the terms used in the VICI project that have special meanings (or are simple acronyms that should be expanded).

It will exist in both LibreOffice and PDF forms.

The glossary will be maintained and new terms added as they become important for the project.

3.4 Requirements

The VICI-requirements document describes in detail the requirements that must be satisfied for a successful outcome for the VICI project.

It will exist in both LibreOffice and PDF forms.

The requirements document will be updated as part of the development of major revisions to VICI. It should remain static during each development cycle.

3.5 Increment Plan

The VICI-increment-plan document provides an over view of what each increment of the development will aim to deliver.

It will exist in both LibreOffice and PDF forms.

It will be maintained for the life of the project.

3.6 Requirements Analysis

The VICI-requirements-analysis document provides a set of high level Use Cases.

Typically the requirements analysis document would also provide a review the requirements and to highlight any discrepancies, inconsistencies and omissions. This is followed by the generation of any implied requirements . These may be added in later rounds of development when the support team has grown.

It will exist in both LibreOffice and PDF forms.

3.7 Document Plan

The VICI-doc-plan describes the documentation that will be created as part of the development of VICI. (It is this document.)

It will exist in both LibreOffice and PDF forms.

It will be maintained for the life of the project.

3.8 Architecture

The VICI-architecture document provides the high level design for the project.

It will exist in both LibreOffice and PDF forms.

It will be maintained for the life of the project.

3.9 Programmer's Guide

The VICI-programmers-guide document provides some guidance for programmers working on the VICI project. It includes standards for setting up the development environment, coding standards, and documentation for the infrastructure components of the project.

It will exist in both LibreOffice and PDF forms.

It will be maintained for the life of the project.

3.10 *Test Plan*

The VICI-test-plan document describes how the testing of the VICI code will be performed.

It will exist in both LibreOffice and PDF forms.

It will be maintained for the life of the project.

4 Design Documents

This section describes the detailed design documents for the VICI project.

The design documents need to evolve as the design of the system evolves over time. The documents should provide the design as it exists for each increment, and should include a description of the changes involved in each incremental step.

4.1 Persistent Storage

The persistent document describes the definitions for the persistent storage used by VICI.

It will exist in both LibreOffice and PDF forms.

It will be maintained for the life of the project.

4.2 Use Cases

The use-cases document describes the use cases that will be used to confirm that the developed system does what it is expected to do. These will form the basis for the test harnesses.

It will exist in both LibreOffice and PDF forms.

It will be maintained for the life of the project.

4.3 Interface Design

The interfaces document describes the interfaces between the component modules of the system.

This design can often be implemented as a set of stubs so that there is a framework for developing the various component modules independently of each other. This can get the development environment sorted out before the real programming work gets under way.

It will exist in both LibreOffice and PDF forms.

It will be maintained for the life of the project.

4.4 Component Designs

Each component will have a detailed design document that describes the classes and their interactions, the user interface design and anything else that can guide the programmer.

The VICI project includes the following major component modules:

Component	Type	Description
vici-adm	program	Prepare commands for use by Vici
vici-ed	program	Edit and test flowchart scripts
vici	program	Run VICI scripts.
cfi	library	Support infrastructure
ebnf	library	Parse EBNF descriptions of command parameters.
syntax	library	Display syntax charts of command parameters.
symbol	library	Provide a palette of flowchart symbols.
canvas	library	Editing of flowcharts.
command	library	Entry of commands and their parameters.
installer	library	Install scripts into the desktop
search	library	Search for and organise commands
vici	library	Interpret the scripts
secure	library	Prevent unauthorised scripts
cron	library	Schedule scripts to run at specified times.

5 User Documents

These are the documents that form part of the delivered package that a user will reference in order to find out things about the programs.

5.1 VICI Administration Guide

This document will provide an administrator guidance on how to install and configure the programs, and how to use the VICI-adm program to define commands for users to use in their scripts.

5.2 VICI User Guide

This document is the reference manual for the VICI-editor and the VICI run-time programs. It will guide the user in the general usage of the suite.

5.3 VICI User Tutorial

This document will walk the user through a set of examples that cover most aspects of using VICI.

5.4 VICI Video Tutorial

This video will provide an introduction to the use of VICI.