Tyrell Nexus-6
Technical Publications Test Plan

Contents

Introduction

The purpose of the Technical Publications Test Plan is to verify the validity, usability, grammatical correctness, and presentation of the Nexus-6 SDK documentation set.

This document details the Technical Publications Test Plan within the following sections:

- Participant Profiles
- Documentation Test Cycle
- Problem Statements

Participant Profiles

The documentation test cycle includes participants and reviewers from the following groups:

- Contributors — Software engineers, managers, and Marketing personnel that have contributed to the content of the document.

- Quality Assurance — Members of the QA team.

- Technical Publications — Members of the Technical Publications team.

Documentation Test Cycle

The documentation test cycle consists of three phases of review; these phases are designed to verify the validity, usability, grammatical correctness, and presentation of the documentation set.

Review Phases

The documentation test cycle consists of the following three review phases:

- Phase 1—Validation
- Phase 2—Usability
- Phase 3—Presentation

Phase 1—Validation

Validation is the first phase of the documentation test cycle. During this phase, the document is reviewed by employees that have contributed to the content of the document such as developers, managers, and members of the Marketing team. The Validation phase focuses on the validity of the information contained in the document. Reviewers should review the documentation for technical correctness.

NOTE Documentation in this phase is marked "FIRST DRAFT."

Phase 2—Usability

Usability is the second phase of the documentation test cycle. During this phase, the document is entered into the QA cycle to be reviewed by a member (or members) of the Quality Assurance team. Reviewers should review the documentation from a user perspective.

NOTE Documentation in this phase is marked "SECOND DRAFT."

Phase 3—Presentation

Presentation is the third phase of the documentation test cycle. During this phase, the document is reviewed internally by the Technical Publications team. The Presentation review focuses on the grammatical correctness and the overall presentation of the information contained in the documentation.

NOTE Documentation in this phase is marked "FINAL DRAFT."

Review Process

The following procedure illustrates the review process for the documentation test cycle:

1. Writer delivers document and Document Approval Form to reviewer.
2. Reviewer reviews the document and provides comments using one of the following methods:
   - Print the document and provide comments on the printed copy.
   - Review the PDF file and provide comments through annotations.
     (Requires the full version of Abode Acrobat.)
   - Review the document and provide comments through email.
     (Comments must include corresponding heading and page number.

The reviewer has 3 business days to review the document.

3. Reviewer returns the document to the writer along with the Document Approval Form (indicating whether they approve the document).
4. The writer does one of the following:
   - If the document is "approved," the writer begins the next phase of the documentation test cycle.
   - If the document is "approved pending changes," the writer updates the document and begins the next phase of the documentation test cycle.
   - If the document is "not approved," the writer schedules a meeting with the reviewer to determine whether the document requires major revisions.
5. Once the phases are complete, the writer generates the PDF version of the document and completes the Prerelease checklist.

The approximate time to complete the review process is 15 days: 3 days for each review plus 2 days for each revision. Optimally, the review cycle should begin 3 weeks before ship; at the very least, the review cycle should begin 2 weeks before ship. The documentation must enter QA at least a week before the ship date.

Problem Statements

Validation

Problem statements regarding validity are specific to each document. These problem statements should be validated by those who have contributed to the document. During this phase, reviewers should review the entire document for technical correctness. The following checklist provides a few guidelines.

Validation Checklist
☑ Technical information is complete and correct.
☑ Unnecessary technical information is absent. (This includes proprietary information and information that is redundant or useless to the user.)
☑ Procedures list the necessary steps to complete the specified task.
☑ If applicable, glossary terms are correct and applicable to the content of the document.
☑ Marketing messages and terminology are current and correct.

Usability

Problem statements regarding usability are specific to each document and include the overall usefulness of the document. During this phase, reviewers should review the entire document from a user perspective.

Usability Checklist

Using the Glossary (Glossary Only)
- ☑ Glossary terms are useful and applicable.
- ☑ Glossary terms are correctly defined and are easy to understand.

Searching for information

Table of Contents:
- ☑ The table of contents accurately reflects the sections within the document.
- ☑ The page numbers within the table of contents correspond to the appropriate sections. (Spot check)

Index (if available):
- ☑ Index entries are useful and applicable.
- ☑ Index entries correspond to the correct page numbers. (Spot check)

Cross-references:
- ☑ Cross-references are valid. (Topic and page number are correct.)
- ☑ Cross-references are hyperlinked. (PDF and online only.)
- ☑ Cross-references link to information that is applicable to the current topic.

Completing tasks
- ☑ The steps presented successfully accomplish the task; that is, the user does not receive errors while completing the steps.
- ☑ Tasks are easy to understand, and instructions are easy to follow.
- ☑ Tasks are complete; that is, steps are complete and appropriate graphics are included.
- ☑ If applicable, the graphics are clear and applicable to the current topic.
- ☑ Graphics do not contain proprietary information.

Overall usability
- ☑ The information presented in the document is organized around user tasks; that is, the information is organized according to the way an end user might use the document.
- ☑ The document provides clear, accurate, and useful information to its intended audience.

Presentation

Presentation problem statements address items related to grammar, usability, and style. The problem statements defined in this section are verified by the Technical Publications department.

Presentation Checklist

General presentation
- ☑ The most recent version of the documentation template is used to format the document.
- ☑ The document name is correct on the documentation cover, the back of the cover, in the Preface, and on all even-numbered pages.
- ☑ The chapter and appendix footers are correct on all odd-numbered pages.
- ☑ The document release number is correct on the documentation cover.
- ☑ The disclaimer shared file located on the back of the cover is current.
- ☑ The month and year located on the back of the cover are correct.
- ☑ There are no "illegal" blank pages within the document; that is, the document does not include blank pages that are consecutive or appear on the left page.

Grammar and usage
- ☑ The document is free of spelling errors.
- ☑ Proper grammar and sentence structure is used throughout the document.
- ☑ Sentence structure facilitates easy reading.
- ☑ Headings are consistent and descriptive.

Table of Contents, Index, and Glossary
- ☑ The chapter numbers and appendix letters are correct and appear in the left side head of the Contents page.
- ☑ The Table of Contents is complete; that is, it includes all appropriate section headings, chapter headings, and appendix headings. (spot check)
- ☑ The Table of Contents does not include blank entries.
- ☑ Entries in the index are not repeated, are not blank, and do not include broken references.
- ☑ Subentries are grammatically connected to the parent entry.
- ☑ Single subentries do not exist.

Prerelease

Prerelease problem statements address items related to PDF and conditional text settings. The problem statements defined in this section are verified by the writer before releasing the document.

Prerelease Checklist

- ☑ The file opens without error.
- ☑ The PDF bookmarks are correct and link to the appropriate section. (Check all.)
- ☑ The hyperlinks on the Contents page link to the appropriate sections. (Spot check.)
- ☑ If applicable, the hyperlinks in the index link to the appropriate pages. (Spot check)
- ☑ The hyperlinks for cross-references within the document link to the appropriate sections. (Spot check)
- ☑ The page numbers in the PDF file correspond to the page numbers in the document.
- ☑ The final page of the PDF file is not blank.
- ☑ Document security has been applied to the PDF file.