

Contents

Demo Version

Preface

Demo Version

1 Introduction

Demo Version

1.1 About PDF format

Demo Version

1.2 PDF 1.6 Features

Demo Version

1.3 Related Publications

Demo Version

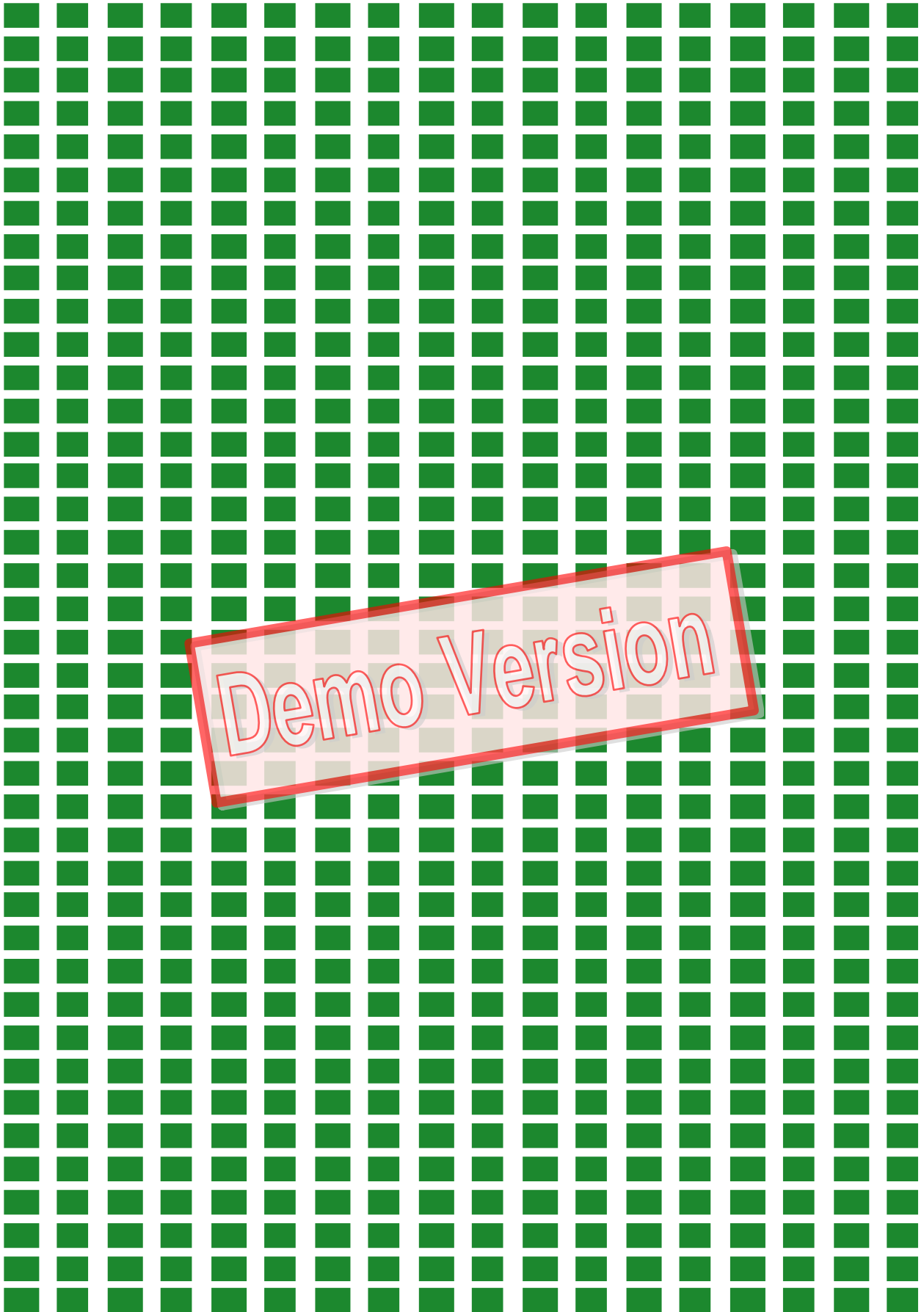
1.4 About Versy PDF Library

Demo Version

2 Overview

Demo Version

2.1 Imaging Model



2.2 Other General Properties

Demo Version

2.3 Creating PDF

Demo Version

2.4 PDF and the PostScript Language

Demo Version

3 Versy PDF Library

Demo Version

3.1 Configuration

Demo Version

3.1.1 Set Platform

Demo Version

3.1.2 Set Library Properties

Demo Version

3.2 Structures



3.2.1 PDF Library Structure



3.2.2 PDF Document Structure



3.2.3 Base PDF Data Types

Demo Version

3.2.4 Base PDF Data Objects



3.2.5 Error Types

Demo Version

3.2.6 Exception Types

Demo Version

3.2.7 Base processing routines

Demo Version

3.2.8 Versy PDF Name Space

Demo Version

3.3 Models

Demo Version

3.3.1 Graphics

Demo Version

3.3.1.1 Graphics Objects



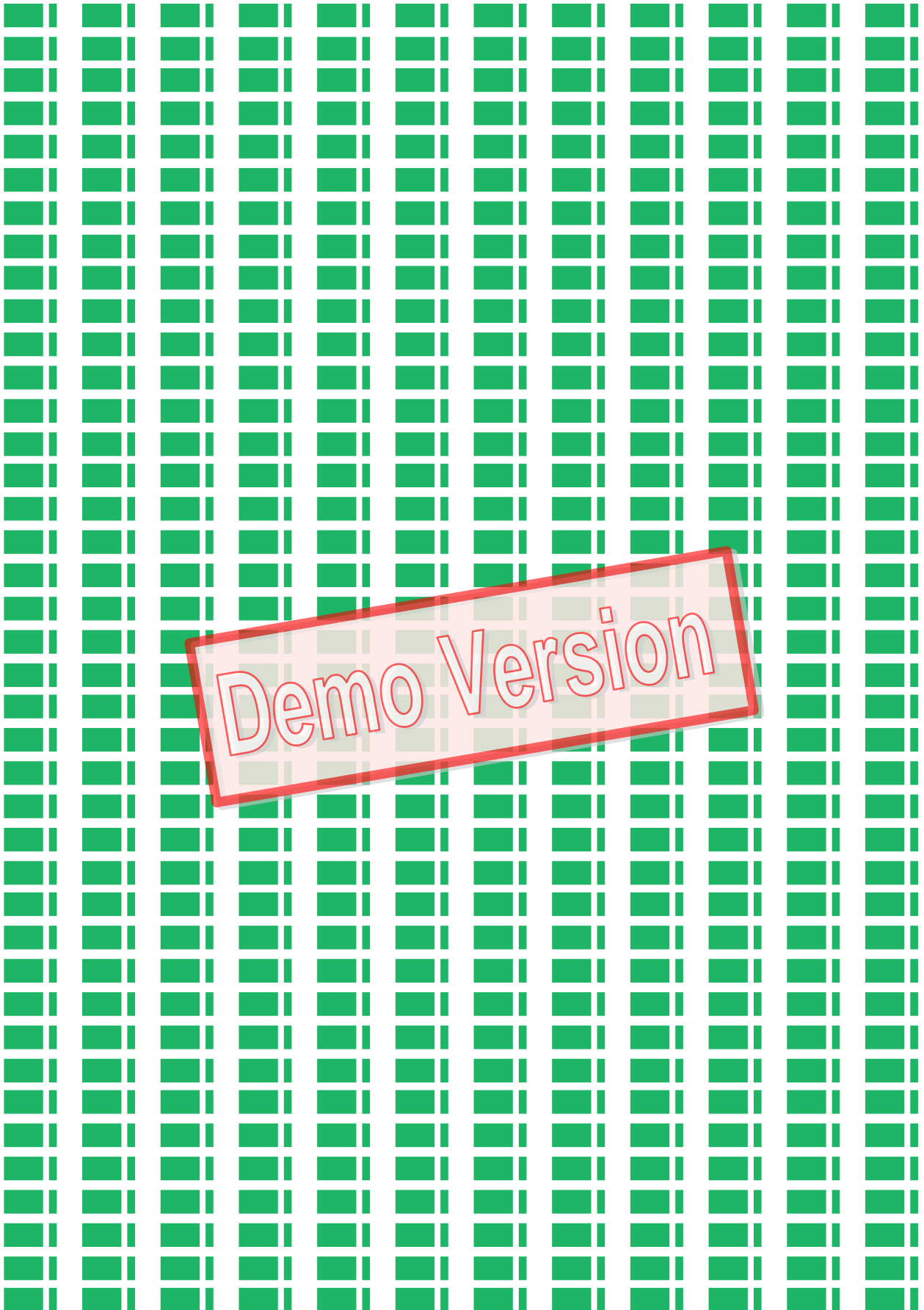
3.3.1.2 Coordinate Systems

Demo Version

3.3.1.2.1 Coordinate Spaces

Demo Version

3.3.1.2.1.1 Device Space



3.3.1.2.1.2 User Space

Demo Version

3.3.1.2.1.3 Other Coordinate Spaces

Demo Version

3.3.1.2.1.4 Relationships among Coordinate Spaces

Demo Version

3.3.1.2.2 Common Transformations

Demo Version

3.3.1.2.3 Transformation Matrices

Demo Version

3.3.1.3 Graphics State



3.3.1.3.1 Graphics State Stack

Demo Version

3.3.1.3.2 Details of Graphics State Parameters



3.3.1.3.2.1 Line Width

Demo Version

3.3.1.3.2.2 Line Cap Style

Demo Version

3.3.1.3.2.3 Line Join Style

Demo Version

3.3.1.3.2.4 Miter Limit

Demo Version

3.3.1.3.2.5 Line Dash Pattern

Demo Version

3.3.1.3.3 Graphics State Operators

Demo Version

3.3.1.3.4 Graphics State Parameter Dictionaries



3.3.1.4 Path Construction and Painting

Demo Version

3.3.1.5 Color Spaces

Demo Version

3.3.1.6 Patterns

Demo Version

3.3.1.7 External Objects

Demo Version

3.3.1.8 Images



3.3.1.9 Form XObjects

Demo Version

3.3.1.10 Optional Content

Demo Version

3.3.2 Text

Demo Version

3.3.2.1 Organization and Use of Fonts



3.3.2.1.1 Basics of Showing Text

Demo Version

3.3.2.1.2 Achieving Special Graphical Effects

Demo Version

3.3.2.1.3 Glyph Positioning and Metrics

Demo Version

3.3.2.2 Text State Parameters and Operators

Demo Version

3.3.2.2.1 Character Spacing

Demo Version

3.3.2.2.2 Word Spacing

Demo Version

3.3.2.2.3 Horizontal Scaling

Demo Version

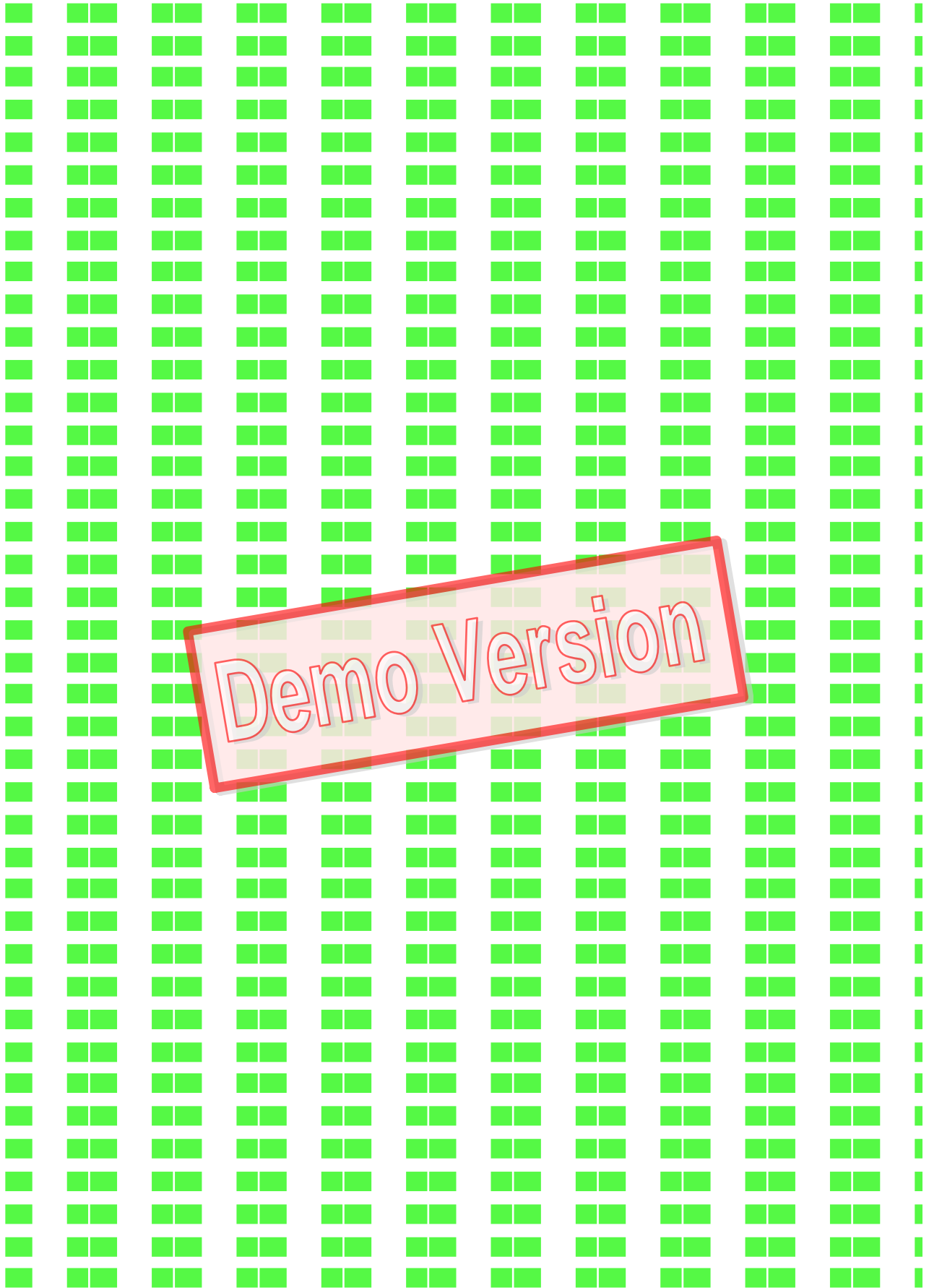
3.3.2.2.4 Leading

Demo Version

3.3.2.2.5 Text Rendering Mode



3.3.2.2.6 Text Rise



3.3.2.2.7 Text Knockout

Demo Version

3.3.2.3 Text Objects

Demo Version

3.3.2.3.1 Text-Positioning Operators

Demo Version

3.3.2.3.2 Text-Showing Operators

Demo Version

3.3.2.3.3 Text Space Details

Demo Version

3.3.2.4 Variable text



3.3.3 Fonts

Demo Version

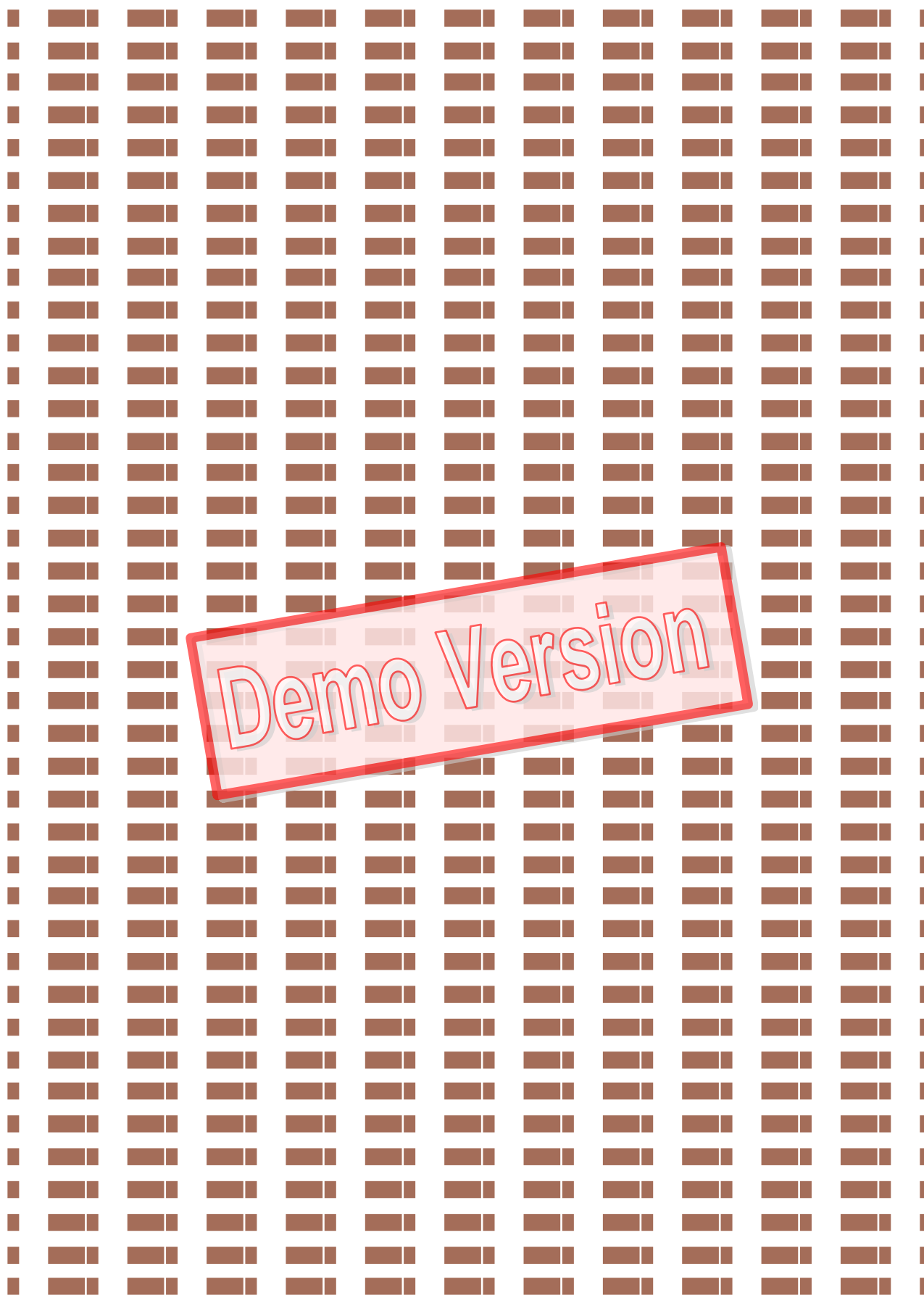
3.3.3.1 Introduction to Font Data Structures

Demo Version

3.3.3.2 Simple Fonts

Demo Version

3.3.3.2.1 Type 1 Fonts



3.3.3.2.2 TrueType Fonts



3.3.3.2.3 Font Subsets

Demo Version

3.3.3.2.4 Type 3 Fonts

Demo Version

3.3.3.2.5 Character Encoding

Demo Version

3.3.3.3 Composite Fonts

Demo Version

3.3.3.4 Font Descriptors

Demo Version

3.3.4 Drawing



3.3.4.1 Graphics Operator categories

Demo Version

3.3.4.1.1 General graphics state operators



3.3.4.1.2 Special graphics state operators

Demo Version

3.3.4.1.3 Path construction operators



3.3.4.1.4 Path painting operators



Demo Version

3.3.4.1.5 Clipping paths operators

Demo Version

3.3.4.1.6 Text objects operators

Demo Version

3.3.4.1.7 Text state operators



3.3.4.1.8 Text positioning operators



Demo Version

3.3.4.1.9 Text showing operators

Demo Version

3.3.4.1.10 Type 3 fonts operators

Demo Version

3.3.4.1.11 Color operators

Demo Version

3.3.4.1.12 Shading patterns operators



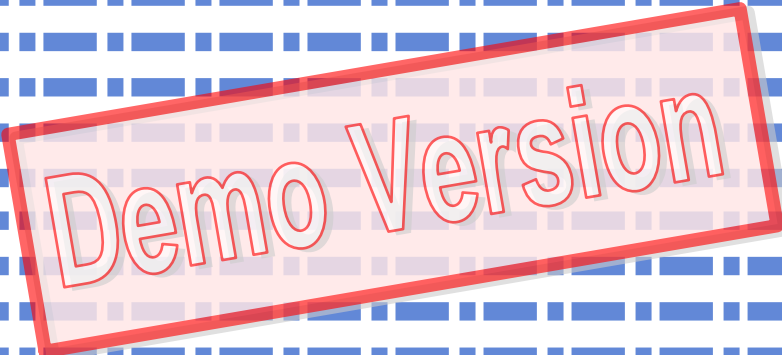
3.3.4.1.13 Inline images operators

Demo Version

3.3.4.1.14 XObjects operators

Demo Version

3.3.4.1.15 Marked content operators



3.3.4.1.16 Compatibility operators

Demo Version

3.3.4.2 Page Content

Demo Version

3.3.4.3 Control Content

Demo Version

3.3.4.4 Appearance Stream

Demo Version

3.3.4.5 Operator Summary

Demo Version

3.3.5 Images



3.3.5.1 Image Parameters



3.3.5.2 Sample Representation

Demo Version

3.3.5.3 Image Coordinate System

Demo Version

3.3.5.4 Image Dictionaries

Demo Version

3.3.5.4.1 Decode Arrays

Demo Version

3.3.5.4.2 Image Interpolation

Demo Version

3.3.5.4.3 Alternate Images



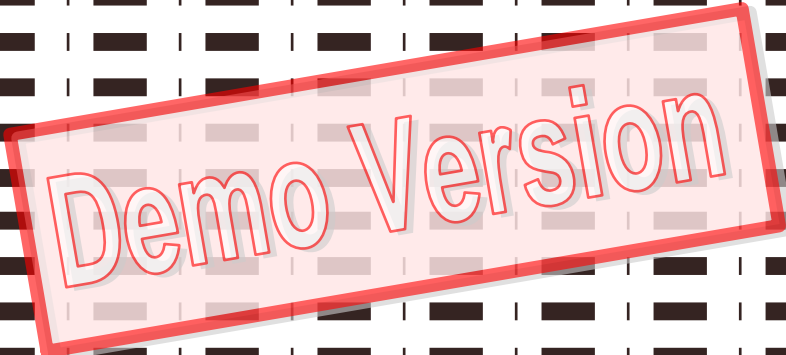
3.3.5.5 Masked Images

Demo Version

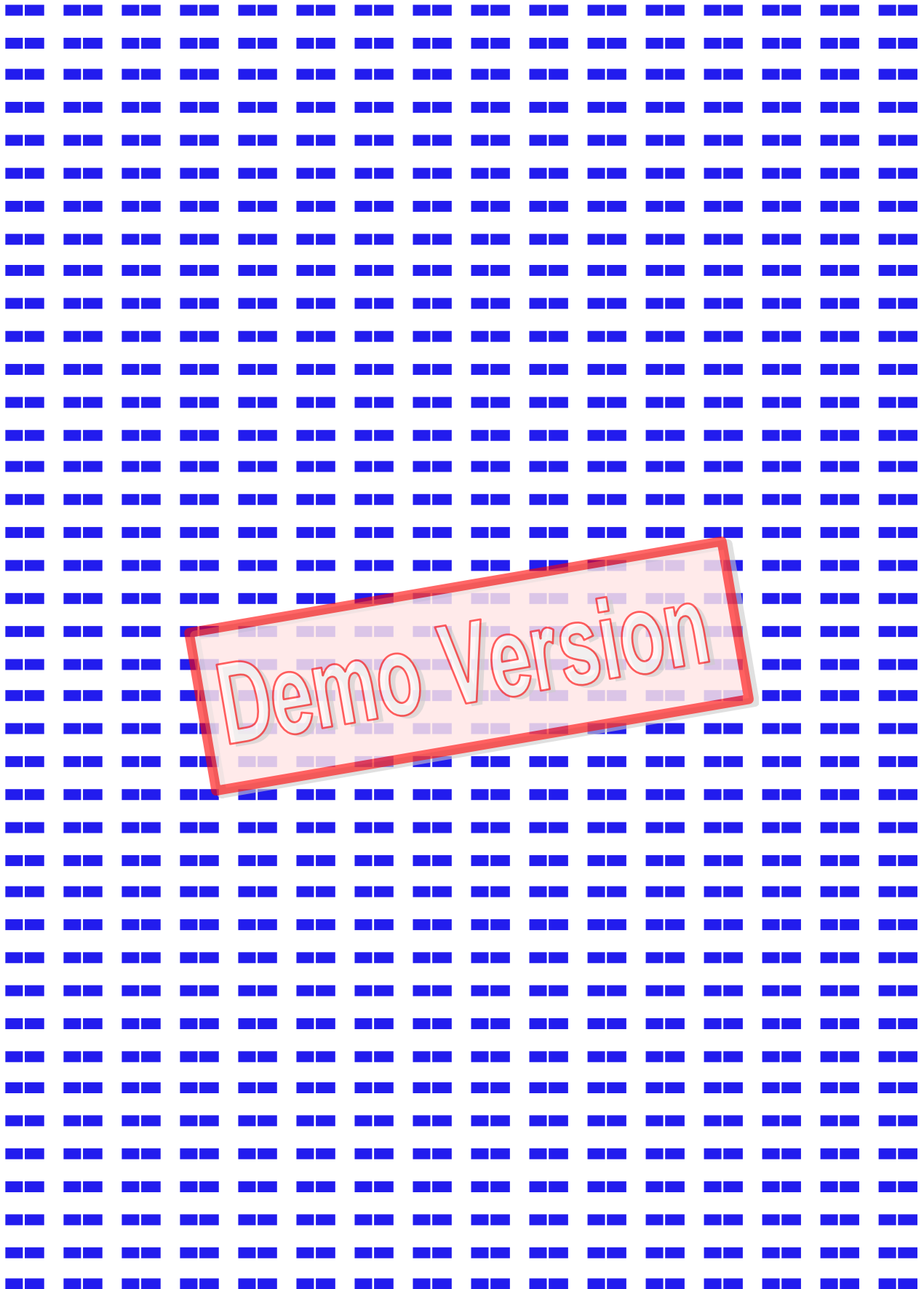
3.3.5.5.1 Stencil Masking

Demo Version

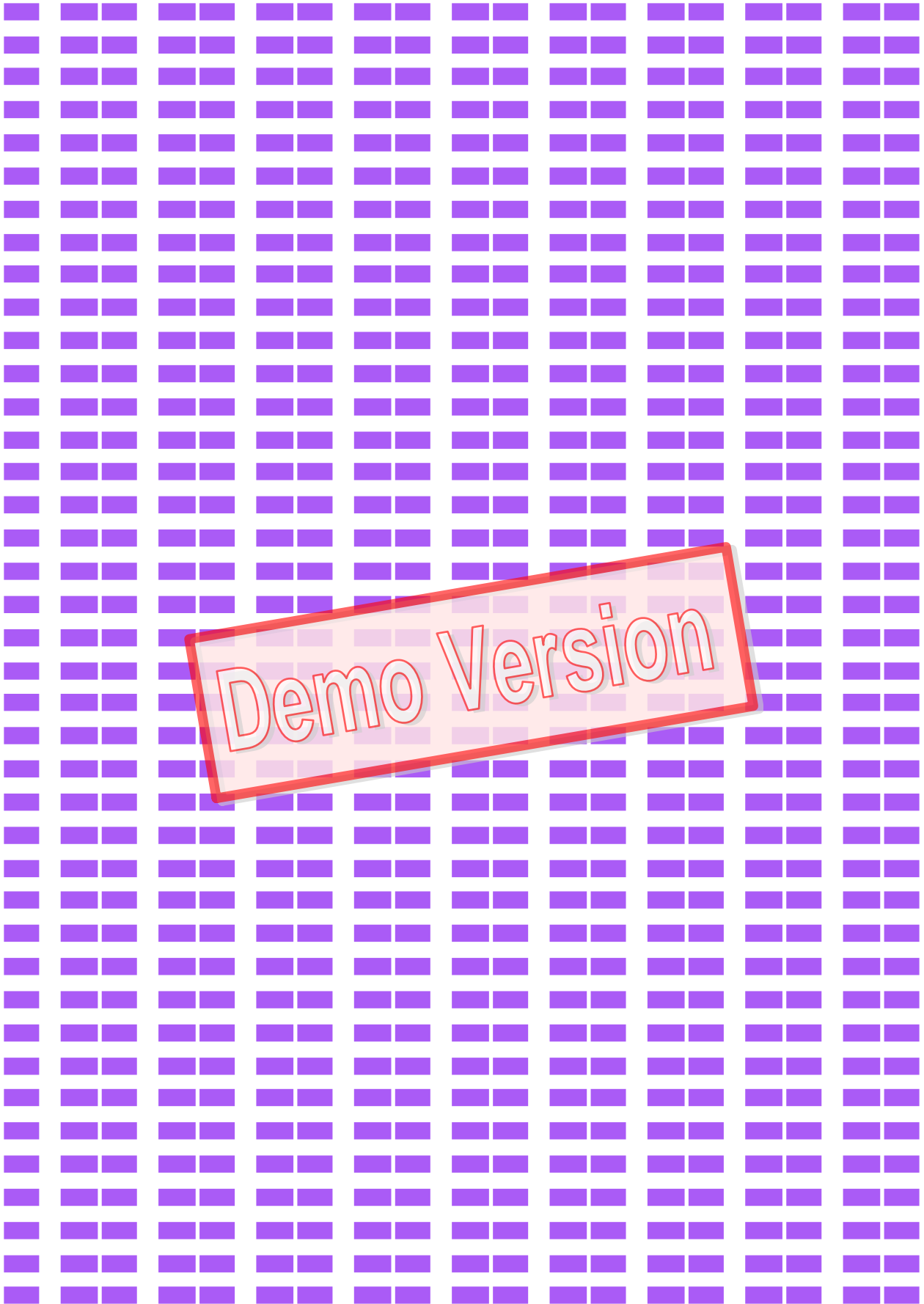
3.3.5.5.2 Explicit Masking



3.3.5.5.3 Color Key Masking



3.3.5.6 Inline Images



3.3.6 Composite models

Demo Version

3.4 Application Program Interface (API)



3.4.1 PDF Library API

Demo Version

3.4.2 PDF Document API

Demo Version

3.4.3 PDF Page API

Demo Version

3.4.4 PDF Exception API

Demo Version

3.4.5 PDF Files API

Demo Version

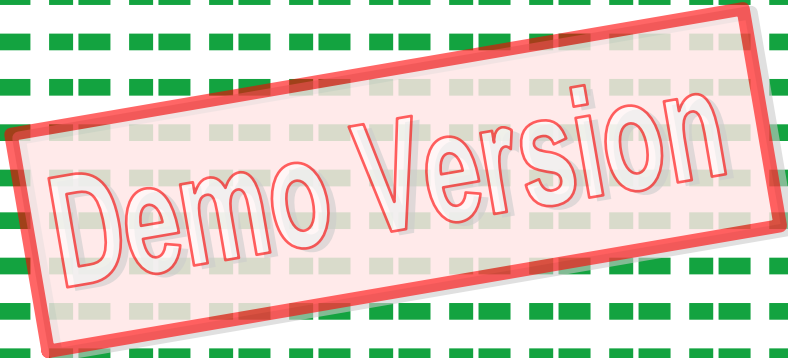
3.4.6 PDF Data API

Demo Version

3.4.7 PDF Connection API

Demo Version

3.5 Features



3.5.1 Graphic States

Demo Version

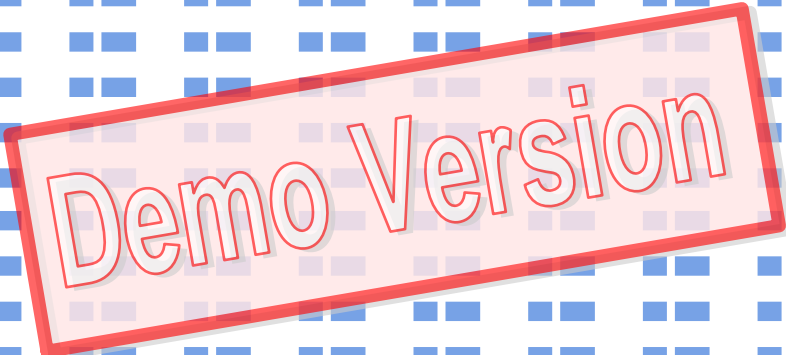
3.5.2 Actions

Demo Version

3.5.3 Annotations

Demo Version

3.5.4 AcroForm (Interactive Objects)



3.5.4.1 Edit Box

Demo Version

3.5.4.2 Push Button

Demo Version

3.5.4.3 Check Box



3.5.4.4 Radio Button



3.5.4.5 Combo Box



3.5.4.6 List Box

Demo Version

3.5.4.7 Signatures

Demo Version

3.5.4.7.1 Invisible Document Signature

Demo Version

3.5.4.7.2 Signature Stamp

Demo Version

3.5.4.7.3 Encode filters

Demo Version

3.5.4.7.4 RSA encrypting and rights

Demo Version

3.5.4.8 Compositing interactive forms

Demo Version

3.5.5 Outlines

Demo Version

3.5.6 Threads and Articles

Demo Version

3.5.8 Security

Demo Version

3.5.8.1 Permissions



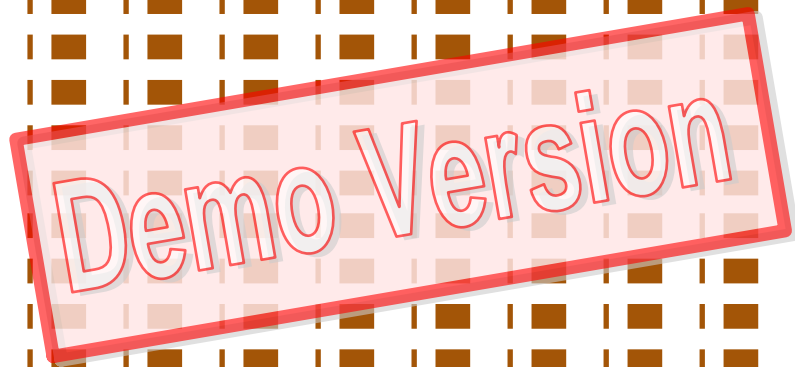
3.5.8.2 Encrypting key

Demo Version

3.5.8.3 Passwords

Demo Version

3.5.8.4 User's rights



3.5.8.5 Owner's rights



3.5.9 Packing PDF Objects



3.5.10 Linearizing PDF Document



3.5.11 Multimedia

Demo Version

3.5.11.1 Sound

Demo Version

3.5.11.2 Video



3.5.12 Other Features

Demo Version

3.6 Versy PDF Library Conception

Demo Version

4 Appendix

Demo Version

4.1 Versy PDF Library Functions List

Demo Version

4.2 Implementation Limits



Demo Version

4.3 PDF Application Samples

Demo Version

4.4 PDF Files Examples



Bibliography

Demo Version

Index

Demo Version