

# Preface

## Introduction

This scripting guide is designed to provide you with an overview of how to use Foxit Phantom JavaScript to develop and enhance standard workflows, such as:

- Printing and viewing
- Stamping
- Managing document security
- Creating interactive forms

## What is Foxit Phantom JavaScript?

Foxit Phantom JavaScript is a language based on the core of JavaScript version 1.5 of ISO-16262, formerly known as ECMAScript, an object-oriented scripting language developed by Netscape Communications. JavaScript was created to offload Web page processing from a server onto a client in Web-based applications. Foxit Phantom JavaScript implements extensions, in the form of new objects and their accompanying methods and properties, to the JavaScript language. These Acrobat-specific objects enable a developer to manage document security, communicate with a database, handle file attachments, manipulate a PDF file so that it behaves as an interactive, web-enabled form, and so on. Because the Foxit-specific objects are added on top of core JavaScript, you still have access to its standard classes, including Math, String, Date, Array, and RegExp.

PDF documents have great versatility since they can be displayed both within the Foxit Phantom software as well as a Web browser. Therefore, it is important to be aware of the differences between Foxit Phantom JavaScript and JavaScript used in a Web browser, also known as HTML JavaScript:

- Foxit Phantom JavaScript does not have access to objects within an HTML page. Similarly, HTML JavaScript cannot access objects within a PDF file.
- HTML JavaScript is able to manipulate such objects as Window. Foxit Phantom JavaScript cannot access this particular object but it can manipulate PDF-specific objects.

## Audience

It is assumed that you are a Foxit solution provider or power user, and that you possess basic competency with JavaScript. If you would also like to take full advantage of Foxit's