# Blue Prism Accreditation
# Developer

Blue Prism appreciates the importance of having a high quality accreditation program to maintain the standards required for successful enterprise RPA delivery.

The **Developer Accreditation Exam (AD01)** tests a developer's understanding of the mandatory Blue Prism development concepts and functionality.

**blueprism**®
**ACCREDITED**

**Developer**

## Exam Details

- 60 multiple choice questions randomly selected from a pool
- All questions of equal weight
- 60 minute exam*
- Pass mark 70%, pass with merit 80%, pass with distinction 90%

*Candidates from countries where English is not an official language will be awarded an extra 30 minutes. See Blue Prism Portal for more details.

**blueprism**®
Robotic Process Automation Software

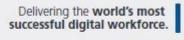Delivering the **world's most successful digital workforce.**

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## Scope

- Detailed understanding of Blue Prism native functions and their correct application.

- Date Functions: DateAdd() DateDiff() FormatDate()  MakeDate() Now() Today()

- Environment Functions: IsStoprequested()

- Text Functions: Concatenate() EndsWith() Mid() Left() Len() Right() StartsWith() Trim()

- Datatypes: different datatypes and casting data of one type to another type using a calculation stage.

- Debugging: stepping in, stepping out, to breakpoints, what happens when exceptions are thrown when stepping over or stepping out of subpages.

- Environment and session variables: when to use them, where they are created, how can they be amended, how are they assigned and when is a change affected in a process.

- Exception handling: throwing exceptions and correct use of recover, resume stages. Exception types, detail and preserving detail. Correct use of blocks.

- Process flow through decision, choice stages and sub-pages.

- Wait stages: how to use them, when to use arbitrary waits.

- Correct use of action retrying from a process as per Blue Prism standard template. (See portal template and process creation tutorial).

- Knowledge of Blue Prism process templates and their structure and flow.

- How to keep sensitive data out of session logs and Control Room

- Process exposure to Control Room.  How to control exposure and under what conditions will processes not be exposed?

- Correct use of attributes to ensure consistent identification of elements. Which attributes are best for helping make element attributes unique? And which are not?  Causes of previously spied elements suddenly not being found. Use of dynamic attributes, correct setting in application modeller and how to set attribute parameters from Blue Prism stages. Use of regular expressions to identify elements.

- Correct use of Global Send Keys and Global Send Key Events.

- Object exposure: correct understanding of the differences between background, foreground and exclusive modes and their effect when attempting to create sessions in Control Room

- Collections and Loops; correct flow, correct syntax in decisions and calculations, nested collections and nested loops

- Work queues; creation and administration. Functionality in Control Room. All work queues internal business object actions, filtering syntax, case management and the correct use of tags.

## Preparation

To prepare for the Developer Accreditation exam you should successfully complete the Developer Foundation Training and associated consolidation exercise. It is essential that you review and understand the following learning objects on the Blue Prism Portal:

- Exception Handling Guide
- Work Queues Guide
- Developer Best Practice
- Lifecycle Orientation
- Object Layer Design

Compliment the above learning by testing your knowledge via the self-tests in the Blue Prism Learning Management System and taking the Advanced Consolidation Exercise (ACE).

Although the exam can be taken at any time it is advised that you support your learning with **at least three months** of solid practical development experience.

**When taking the exam please bear in mind that any spelling/syntax errors within the questions are deliberate.**

## Entry Requirements and Registration Procedure

To register for the Developer Accreditation Exam you will need to be in possession of Blue Prism Portal account. A minimum of one month must elapse between a failed exam and an exam resit.

To register for an exam please go to http://pearsonvue.com/blueprism/

**For details of exam fees and accommodations please visit the Blue Prism Portal**