

Blue Prism Developer AD01

The knowledge area for Blue Prism Certified Developer (AD01) exam includes:

- 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 from one type to another 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 for stages: how to use them, when to use arbitrary waits.
- Correct use of action retrying from a process as per the 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 modeler, 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 Collections and Loops; correct flow, the 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.