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Automation Scripting in Maximo 7.5

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What is Automation Scripting

- New feature in Maximo 7.5
- Enables use of “autoscripts” to
  - **Calculate field values**
  - **Set data flags, such as read-only or required**
  - **Perform complex field validation**
- Scripts execute server-side
- Alternative to Java customisation
- Slight preference for Jython

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What is Automation Scripting

- Compared with Java customization
  - **Configuration / Customisation**
  - **Implementation**
  - **Deployment**
  - **Development**
  - **Maintenance**
  - **Upgrading**
  - **Performance**
  - **Troubleshooting**
  - **Maturity**

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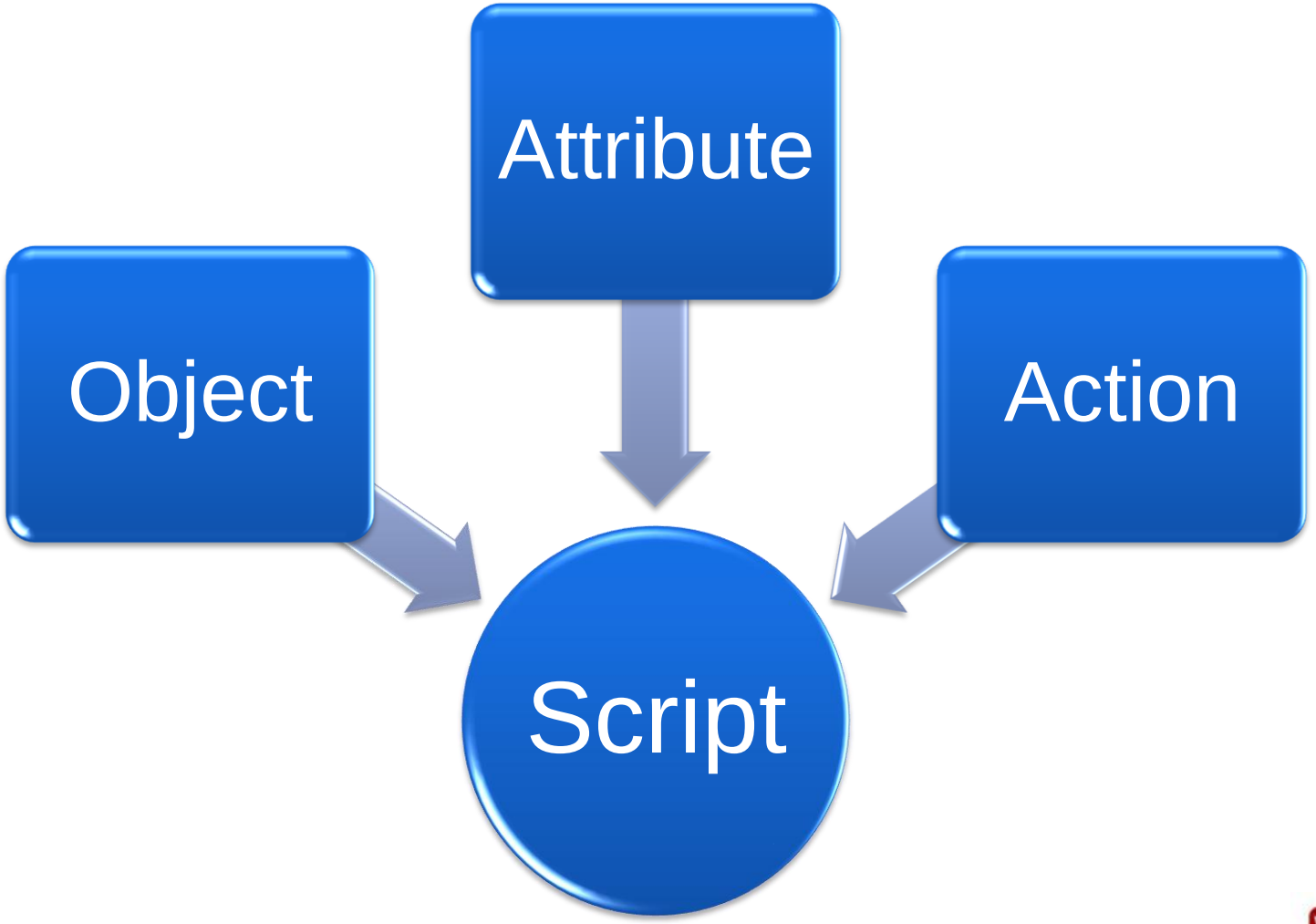
How Launch Points are related



How Launch Points are related

- **Object**
  - Initialize
  - Add
  - Update
  - Delete
- **Attribute**
  - Validate / Action
- **Action**
  - Escalation
  - Workflow

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Working with Automation Scripts

- Separate editor
  - **Syntax highlighting**
  - **Version control**
  - **Light weight**
- Variables
  - **For improved, cleaner reusability**
- Reference Material
  - **“JavaDocs” for Maximo 7.5 (IBM’s SM Catalog)**
  - **Definitive Guide to Jython (jython.org)**
  - **Python 2.x “Language Reference” (python.org)**

Working with Automation Scripts

- Implicit inbound variables
  - **app: current application name**
  - **mbo: the MBO the script is running against**
  - **user: current user's ID**
- Implicit outbound variables
  - **errorgroup, errorkey, params: used to return user-friendly error messages to the user**

Demonstration

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Thank You!

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