**Consolidated Bug Report 2: Conditional Clause Issues at Line 3288**

* **Description:** This report consolidates issues related to the conditional clause at line 3288, where the variable **type** is set to **Object.class** under certain conditions. The primary concern is the inappropriate handling of null conditions and the resultant impact on type assignments, leading to type mismatches in subsequent script execution.
* **Steps to Reproduce:**
  1. Run the script up to line 3288.
  2. Evaluate the conditional clause, especially when the involved elements are null.
  3. Observe the assignment of **type** as **Object.class** and the subsequent effects on the script.
* **Expected Result:** The conditional clause should handle null elements and type assignments in a way that aligns with the expected logic of the script, avoiding type mismatches.
* **Actual Result:** The clause defaults to **Object.class** in null scenarios, leading to type mismatches and casting issues, particularly evident when attempting to cast to a string or handle specific class types.