

Meaningful Objects Manager (MOM)

Brief description



The tools package MOM (Meaningful Objects Manager) will allow the examination of each accessible object in the Graphical User Interfaces (GUI) for any Windows application. In this context, by examination we understand the dynamically interrogation of the analyzed object's properties.

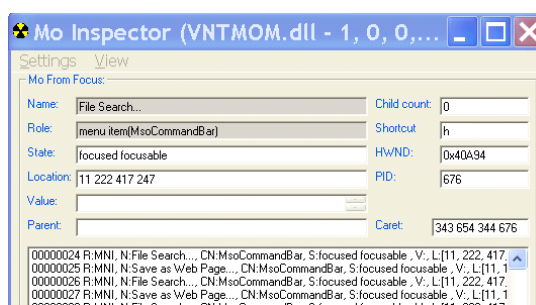
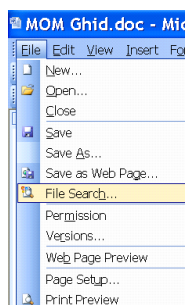
The main goal of the MOM package is to facilitate an efficient analysis of the GUIs' accessibility, using low level techniques, down to operation system level. The involved technologies are the same as those used in the most advanced screen reader applications, Virgo and Cobra, produced by the same company – BAUM Engineering. The data about the GUIs' objects are collected (in extreme cases) by intercepting the communication between operation system and graphic card's driver.

In order to be accessible, any object (i.e. a button, a list element etc.) should be "visible", meaning that the main properties of the object should be directly accessible to the screen reader. If one object's properties are only indirectly accessible, through the special MOM's function, there is a risk that a less advanced screen reader would not be able to guarantee the user interaction with the application's interface.

Features

MOSpy – Visual interrogation :

This tool should be able to provide immediate information about the "visibility" of any object from a graphical interface, as well as some basic information about this.



<http://baum.ro>

MOInspector: In order to obtain more detailed information about the objects in a GUI a more complex tool can be used. MOInspector will allow the detail analysis of the objects in Graphical User Interfaces.

Inputs

To be filled.

Outputs

To be filled.

Planned version of the tools

➤ To be filled.

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