

BR_KEYBOARD – KEYBOARD Services

Revision history

2017-03-24	Robin Lamacraft	Original draft
2019-07-02	Don Ferguson	Revise completely

SCOPE

This module was intended to be used to retrieve settings about the current keyboard used in the Client component of HRE. This includes display language switching and keyboard layout switching. It was also meant to include the activation of Macros and multi-key combination for characters not directly available from the keyboard, etc.

- The creation of any keyboard key combination to trigger any defined action
- The recognition of any typed configured key combination and to initiate the corresponding action,

ACTIONS

There is little value in this module existing in HRE, as the functionality required is embedded in Java.

To interrogate the current keyboard language settings:

```
import java.awt.im.*;

public static void main(String[] args)
{
    InputContext context = InputContext.getInstance();
}
```

To handle use of any key combinations, use the Java KeyListener and KeyEvent functions.

USED BY

Any keyboard process.

DATA UNDER CONTROL OF THIS MODULE

None.

REQUIRED EXTERNAL DATA UNDER CONTROL OF ANOTHER MODULE

None.

REQUIRED SERVICES

Operating system settings access.

APPLICATION PROGRAMMING INTERFACE (API)

Defined by Java, as above.