

# Gesture API

Gesture function is available in Microsoft Windows Mobile 6.5.3.

If you want to use multi touch gesture function, you need to call CASIO API because Microsoft supports only single touch gesture function.

Procedure is below.

## 1. Calling CASIO API

You should use system library for enable to use multi touch gesture function.

Please call the following function at using multi touch gesture application. \*

`SysMultiTouchOn( );`

The following multi touch gesture will be available.

\* Pinching

\* Lotate

## 2. Gesture message routine

GESTUREINFO structure variable's address will be stored into IParam variable and WM\_GESTURE message will be issued when Single Touch Gesture operation is occurred.

If you enable to set Multi Touch Gesture at 1. (Calling CASIO API), GESTUREINFO structure variable's address will be stored into IParam variable and WM\_GESTURE message will be issued as same as Single Touch Gesture.

- GID\_ZOOM\* will be stored in GESTUREINFO structure variable's dwID member and distance between touches will be stored in ullArguments member when Pinching operation is occurred.
- GID\_ROTATE\* will be stored in GESTUREINFO structure variable's dwID member and rotation angle will be stored in ullArguments member when Lotate operation is occurred.

\* Defined in systemlib.h

Other message or structure variable will be defined in pwinuser.h.

\* Current IT-300 SDK and OS do not support WM\_GESTURE message even if you use SysMultiTouchOn function. We would like to announce solution of this matter ASAP when we are ready to prepare solution.

## Note

- Upper CASIO support multi touch gesture specification is same as Windows 7. It is possibility to change this specification with Windows Embedded Compact 7 or Windows Phone 7 which will be released.
- .NET Compact Framework is not supported this gesture function.

## Reference page

<http://msdn.microsoft.com/en-us/library/ee220920.aspx>