

OWA_IMAGE

The `OWA_IMAGE` package provides an interface to access the coordinates where a user clicked on an image.

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See Also:

For more information about implementation of this package:

- *Oracle Fusion Middleware Administrator's Guide for Oracle HTTP Server*
- *Oracle Fusion Middleware User's Guide for mod_plsql*

OWA_IMAGE Overview

Use this package when you have any image map whose destination links invoke the PL/SQL Gateway.

OWA_IMAGE Types

This datatype (`point`) contain the X and Y values of a coordinate, and so provides the coordinates of a user's click on an imagemap.

It is defined as:

```
TYPE POINT IS TABLE OF VARCHAR2(32767) INDEX BY BINARY_INTEGER
```

OWA_IMAGE Variables

This package variable (`null_point`) of `TYPE POINT` is used to default point parameters. Both the X and the Y fields of this variable are NULL.

OWA_IMAGE Examples

This example shows use of OWA_IMAGE.

```
CREATE OR REPLACE PROCEDURE process_image
(my_img in OWA_IMAGE.POINT)
AS
  x integer := OWA_IMAGE.GET_X(my_img);
  y integer := OWA_IMAGE.GET_Y(my_img);
BEGIN
  /* process the coordinate */
END
```

Summary of OWA_IMAGE Subprograms

This table lists the OWA_IMAGE subprograms and briefly describes them.

Table 251-1 OWA_IMAGE Package Subprograms

Subprogram	Description
GET_X Function	Gets the X value of a point type
GET_Y Function	Gets the Y value of a point type

GET_X Function

This function returns the x coordinate of the point where the user clicked on an image map.

Syntax

```
OWA_IMAGE.GET_X(
  p          IN          point)
RETURN INTEGER;

OWA_IMAGE.GET_X(
  p          IN          point)
RETURN INTEGER PARALLEL_ENABLE DETERMINISTIC;
```

Parameters

Table 251-2 GET_X Function Parameters

Parameter	Description
p	The point where the user clicked.

Return Values

The X coordinate as an integer.

GET_Y Function

This function returns the Y coordinate of the point where the user clicked on an image map.

Syntax

```
OWA_IMAGE.GET_Y(  
    p          IN          point)  
RETURN INTEGER;  
  
OWA_IMAGE.GET_Y(  
    p          IN          point)  
RETURN INTEGER PARALLEL_ENABLE DETERMINISTIC;
```

Parameters

Table 251-3 GET_Y Function Parameters

Parameter	Description
p	The point where the user clicked.

Return Values

The Y coordinate as an integer.