

## URL DECODE Function

Decodes the query part of a URL string. URL encoding is used when placing text in a query string to avoid it being confused with the URL itself. It is normally used when the browser sends form data to a web server as part of the URI - as part of the "web address" (GET method).

### Syntax:

```
URLDecode$(expression)
```

### Example:

```
realURL$=URLDecode$(RecdURL)
```

### Code:

```
FUNCTION URLDecode$(a$)
  LOCAL INTEGER z
  LOCAL STRING b$,c$
  z=1
  DO
    z=INSTR(z,a$,"%")
    IF z=0 OR z=LEN(a$) THEN EXIT DO
    b$=MID$(a$,z,3)
    c$=CHR$(VAL("&h"+MID$(b$,2)))
    a$=Replace$(a$,b$,c$)
  END IF
  LOOP
  URLDecode$=a$
END FUNCTION
```

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