**NAME**

Authentication

**SYNOPSIS**

authenticate()

check\_auth(username, password)

requires\_auth(f)

**DESCRIPTION**

The authentication functions check user name and password for authentication. Valid user name and password will get response from the server.

**RETURN VALUES**

Aurhorized username and password will get 401 status code and other users will get error.

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**ACKNOWLEDGMENT**

The development of this package was supported by the IT R&D program of MKE/KEIT (No. 10041244, SmartTV 2.0 Software Platform).

**NAME**

Twitter Search with server

**SYNOPSIS**

twitter()

**DESCRIPTION**

Server searches twitter by given query keyword. The query is passed by HTTP protocol of ‘GET’ with ‘query’ parameter. The result tweets are returned by json format.

**RETURN VALUES**

Result tweet (from the given query) json file is returned from the server.

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**NAME**

TV program search

**SYNOPSIS**

program()

**DESCRIPTION**

Server searches tv program by title, onair day, onair time, channel, and casts options. The option is passed by HTTP ‘GET’ protocol by using ‘title’, ‘days’, ‘onair’, ‘ch’, and ‘casts’. The matched tv programs are returned by json format.

**RETURN VALUES**

Result tv program (from the given query) json file is returned from the server.

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**ACKNOWLEDGMENT**

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