peoplefluent

PeopleFluent Learning

Simple HTTP API

Contents

About this Document

Introduction

This document describes a simple API called setCreate that can be used to provide a direct link into the PeopleFluent LMS from, for example, a company or departmental portal. The API can create a new user account if necessary.

This will be useful for:

- Systems Administrators whose responsibilities including uploading users or questions directly into the LMS environment.

- Project Team Members implementing the LMS or planning a new installation. They will find the external interface definitions useful when planning interfaces with external systems.

Document Information

Revision Information	
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Configuring `ekp.properties`

To enable the setCreate API, add the following property to the `WEB-INF/conf/ekp.properties` file:

```
user.setCreateEnabled=true
```

After adding this property, restart the LMS for the change to take effect.

Usage

To use the API, simply provide a link within the portal to a URL with the following format:

```
http://*<host>/<contextPath>*/servlet/ekp/setCreate?UID=bob&PWD=abc
```

For instance, the contextPath = nts83, in which case the URL will look like this:

```
http://*<host>/nts83*/servlet/ekp/setCreate?UID=bob&PWD=abc
```

The parameters shown in the table below may be included in the HTTP request. The UID and PWD parameters are mandatory; all others are optional.

Name	Description
UID	Unique user ID (as used at login)
PWD	Password
FNAME	Family name
GNAME	Given name
PROTOTYPEID	ID of profile (used as a "template" from which to get default settings)
COSTCENTER	Cost center
ATTRIBUTE1	User attribute 1
ATTRIBUTE2	User attribute 2
ATTRIBUTE3	User attribute 3

ATTRIBUTE4	User attribute 4
ATTRIBUTE5	User attribute 5
ATTRIBUTE6	User attribute 6
ATTRIBUTE7	User attribute 7
ATTRIBUTE8	User attribute 8
TITLE	Personal title (Mr., Mrs., Ms., etc.)
JOBTITLE	Job title
EMAIL	E-mail address
ONAME	Other name
MANAGER_NAME	Manager name
MANAGER_EMAIL	Manager e-mail
ADDRESS	Address
LOCATION_CODE	Location code
ERN	Employee number
DEPARTMENT	Department
GENDER	Gender
DAPPRAISER	Direct Appraiser
LEVEL1ID, LEVEL2ID, etc.	ID of level 1 organization, ID of level 2 organization, etc. (number of levels is unlimited)
TARGET	The URI to which the user should be redirected on a successful login. If the target parameter is not specified, the user will be directed to her default start page.
CITY	City
POSTALCODEZIP	Postal code
COUNTRY	Country

MOBILE	Mobile number
PHONE	Phone number
COMPANYNAME	Name of the company
LANGUAGE	Language
PROVINCESTATE	State/Province

Additional Information

- Field names are case sensitive

- The parameters may be passed in the URL query string. The HTTP request may use either the GET or POST method. In the case of the POST method, the parameters may be passed in the request body instead of the query string. For simplicity, the examples shown above include the parameters in the query string; however, in general, this is not recommended as it poses a security risk. To avoid displaying the password in the browser's address field, it is recommended to use the HTTP POST method. One way to accomplish this is to use an HTML form with hidden fields.

- Regardless of whether the GET or POST method is used, the values of all parameters must be URL-encoded, as described in RFC 1738 (http://www.w3.org/Addressing/rfc1738.txt). For example, if the desired value for the `jobTitle` parameter was "Sales & Marketing Manager", the parameter would be passed as jobTitle=Sales+%26+Marketing+Manager. After encoding, each space character is replaced by a '+' character, and the ampersand ('&') is replaced by the three-character sequence '%26' (where '26' is the hexadecimal representation of the ASCII code for the '&' character).

Effect

When the API is invoked, the LMS first checks whether the value of the UID parameter matches an existing user ID. If the value of the UID parameter matches an existing user ID, the LMS will check whether the value of the PWD parameter matches the password for that user. If it does, the user will be logged on and see their default start page. If the passwords do not match, the login will fail.

If the value of the UID parameter does not match an existing user ID, a new user will be created using the parameters provided. (If the prototypeID parameter is specified and matches an existing user profile, then the values for any unspecified parameters will be taken from that profile. Otherwise, system default values will be used.) Once the new user account is created, the user will be logged into the LMS using the new account, and their default start page will be displayed.

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