10. Glossary

Chapter 10 provides an explanation of terms used in u-DIEX.

Format of explanation

-Term [Category, Sub-category]
Description

■■■ A ■■■

■Access date   [Specific to u-DIEX; Usage history function]

The latest date that the data in u-DIEX was used. *Time zone: Japan standard time.

■Access right   [Specific to u-DIEX; Access right]

There is 4 kinds of access rights: ALTER, READ/WRITE, READ, and NONE.

■Latest accessed record   [Specific to u-DIEX; Usage history function]

Confirm the latest user and access date of the resource. The access record function can be performed for resources with ALTER rights.

■All   [Specific to u-DIEX; Data list]

No specification of display conditions. Both "Read" and "Not Read" information will be displayed.

■Already opened   [Specific to u-DIEX; Data list]

"Already opened" by the users except logon user.   "Already opened" means "Open", "Download" or "Copy" has been operated for the target file.

■ALTER   [Specific to u-DIEX; Access right]

One of the rights that controls access to resources.   Able to browse, write and delete the resources.

■Applet   [Computer term; Java]

Java program implemented by downloading to browser and embedding in the window of browser. Data is exchanged by using applet on Web-EDI screen of u-DIEX.

■ASCII   [Computer term; File format]

Character encoding scheme that consists of alphanumeric characters, symbols and linefeed codes established by ANSI (American National Standards Institute).   128 types of Roman letters, numbers, symbols and control codes are indicated with 7-bit alphanumeric characters, symbols and linefeed codes.

■Author   [Specific to u-DIEX; Actor]

A user who has created file, folder, package, package-file, or package-folder.

■■■ B ■■■

■Batch [Specific to u-DIEX; Communications Transfer mode]

Transfer mode for uploading or downloading files and packages. As two or more data are processed at a time, batch transfer takes less time than one by one transfer. When communications error occurs, it is necessary to resend the entire set of resources.

■Batch registration [Specific to u-DIEX; User administration function]

Able to register, modify or delete organization information, user information and process information by creating and registering the file matched to the specified format. Only Company administrator can use this function.

■Batch registration folders [Specific to u-DIEX; Setup]

One method of creating folders. A function that registers two or more folders at a time. Owners can use this function.

■Batch registration history [Specific to u-DIEX; Setup]

A function that confirms the history of batch registration.

■Binary [Computer term; Character set]

No character set. If not stick to the character set when data is uploaded, "binary" is specified. If data is uploaded by specifying binary, code conversion can't be implemented by download or display function.

■Browser [Computer term; Internet]

Application software for browsing Web pages.
See Installation guide" or chapter 3 of u-DIEX User's guide for the browser supported by u-DIEX.

■Bulletin board system [Specific to u-DIEX; Web-EDI function]

Information sent from the Center administrator (TS) to all users. This information is displayed on the Web-EDI top screen.

■■■ C ■■■

■Center administrator [Specific to u-DIEX; Actor]

The administrators who manage u-DIEX. Mainly registers or deletes company information and services.

■Certificate authority [Computer term; Security]

Organization that issues the electronic certification.

■Certification [Computer term; Security]

Electronic certification issued by certificate authority. This certification proves that public key used for encoding the data is authentic.

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■Character set　[Computer term; Character set]

Code conversion is the optional function on downloading u-DIEX.　Character sets being supported are the following 6 types.

1.SHIFT JIS (S-JIS)

2.EUC (EUC-JP)

3.JIS 7(JIS)

4.ASCII I(ASCII)

5.Lower-case alphabetic characters EBCDIC+IBM Chinese characters (EBCDIC)

6.Japanese syllabary: EBCDIC+IBM Chinese characters (EBCDIK)

See the explanation of Download/Copy for the convertible character set.

■Code conversion config file　[Specific to u-DIEX; Config file]

File that defines byte position information when EBCDIC half-width and full-width data are mixed.

■Common address book　[Specific to u-DIEX; Destination]

When files and packages are uploaded, copied, or opened (input), destination needs to be specified. This information needs to be specified every time by using directory.

Destination can be registered in "Common address book".

*Common address book can be shared in the service.

■Common user　[Specific to u-DIEX; Actor]

One of the 2 types of u-DIEX users (Company administrators and common users).

■Communications components　[Specific to u-DIEX; Communications component]

The dedicated program for communications with u-DIEX.

■Company　[Specific to u-DIEX; Company]

A company that a user belongs.

■Company administrator　[Specific to u-DIEX; Actor]

A user who manages a company. Registers or deletes the user or process by using User Administration.

■Company code　[Specific to u-DIEX; Company]

Identification code assigned to the company that a user belongs.

■Company information　[Specific to u-DIEX; Company]

Information (company name, address, Telephone number, Fax number, representative) for the company that a user belongs.

■Company name　[Specific to u-DIEX; Company]

A name of the company that a user belongs.

■Config file　[Specific to u-DIEX; Config file]

Files described the definitions for u-DIEX resources (for code conversion, display, and input).

*See "Config files" section of the online manual for these definitions.

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■Config file for display　[Specific to u-DIEX; Config file]

File that defines character set (CharSet), MIME types, and display formats (title, delimiter byte position) for screen displays.

■Copy　[Specific to u-DIEX; Web-EDI function]

Operation that copies files, packages, package-files, and package-folders to a different folder (or in the same folder) in u-DIEX.　In order to operate copy function, READ/WRITE or ALTER rights are required for the copy destination folder.

■Create company information　[Specific to u-DIEX; User administration function]

Creation of company information or Company administrator information. Only the Center administrator (TS) can create such information.

■Create folder　[Specific to u-DIEX; Setup]

Creation of the folder under the current address.

Service owners and super-users can create folders.

■Create organization information　[Specific to u-DIEX; User administration function]

Creation of organization information. Only the Company administrator can create own company's organization information. Organizations are created by batch registration using a config file.

■Create process information　[Specific to u-DIEX; User administration function]

Creation of process information. Only Company administrators can create this information of their own companies.

■Create service　[Specific to u-DIEX; Setup]

Creation of a service. Only Center administrators can create services.

■Create user information　[Specific to u-DIEX; User administration function]

Creation of user information. Only Company administrators can create this information of their own companies.

■CSV　[Computer term; File format]

File format that data is separated by comma (",") or TAB, and arranged.　This format is mainly used for saving the data by spreadsheet software or database software.　Versatility is high.

■Current address　[Specific to u-DIEX; Address]

The position of the folder that is currently being operated.

■■■　D　■■■

■Data　[Specific to u-DIEX; Communications component]

File, package, package-folder and package-file exchanged in u-DIEX.

■Data list　[Specific to u-DIEX; Data list]

A list of u-DIEX file, package and folder.　Target will be the resource that browsing rights (ALTER, READ, READ/WRITE rights) have been provided.

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■**Deadline　[Specific to u-DIEX; Target date]**

Term of the response for the file or package.　Deadline is displayed on the list screen and notified to the destination user.　However, this term is just displayed as comment.

*Time zone: Japan standard time.

■**Delete　[Specific to u-DIEX; Web-EDI function]**

Deletion of files and packages.　In order to operate delete function, ALTER rights are required for this file or package.

■**Delete company information　[Specific to u-DIEX; User administration function]**

Deletion of company information. Only the Center administrator (TS) can delete company information.

■**Delete folder　[Specific to u-DIEX; Setup]**

Deletion of the selected folder. If resources exist under the folder, all resources will be deleted. Service owners and super-users can delete folders.

■**Delete organization information　[Specific to u-DIEX; User administration function]**

Deletion of organization information. Only the Company administrator can delete own company's organization information. Organizations are deleted by batch registration using a config file.

■**Delete process information　[Specific to u-DIEX; User administration function]**

Deletion of process information. Only Company administrators can delete this information of their own companies.

■**Delete service　[Specific to u-DIEX; Setup]**

Deletion of a service. Only Center administrators can delete services.

■**Delete user information　[Specific to u-DIEX; User administration function]**

Deletion of user information. Only Company administrators can delete this information of their own companies.

■**Delivery confirmation　[Specific to u-DIEX; Web-EDI function]**

Operation history information for the specified data or folder can be retrieved.　(Communications components only)

■**Destination setup　[Specific to u-DIEX; Destination]**

A function that sets the released user for data when data is uploaded, copied or opened (input).

■**Directory　[Specific to u-DIEX; Destination]**

Information about company, organization, user and process are consolidated by using directory in u-DIEX.

■**Display organization information　[Specific to u-DIEX; User administration function]**

The search and display of organization information.

■**Display process information　[Specific to u-DIEX; User administration function]**

The search and display of process information. If logon user is Company administrator, this information can be searched and displayed.

■Display user information   [Specific to u-DIEX; User administration function]

Display of user information. Only Company administrators can search and display this information of their own companies.

■Download   [Specific to u-DIEX; Web-EDI function]

Downloading of data to the user's client computer.

■DTD config file for input   [Specific to u-DIEX; Config file]

File that defines XML data. It is attached to xml files in the service and applied during open (input) operations. *Can be defined at the service level.

■■■ E ■■■

■EBCDIC   [Computer term; File format]

8-bit character encoding scheme established by IBM. EBCDIC supports both lowercase alphabetic EBCDIC and Japanese syllabary EBCDIC.

■EBCDIK   [Computer term; File format]

Character encoding scheme provided by adding K (Japanese syllabary) to 8-bit character encoding scheme (EBCDIC) established by IBM.

■E-mail notification setup   [Specific to u-DIEX; Web-EDI]

If the data to you is created in the folder, e-mail is sent.

E-mail notification function can be set or disused in Setup (E-mail Notification) screen.

*This setup is necessary to send e-mail.

Able to specify the language (Japanese or English).

■EUC   [Computer term; File format]

Character encoding scheme to handle the multibyte characters in UNIX.   Not only Japanese, but also Chinese and Korean are supported.

■Extension   [Specific to u-DIEX; Config file]

Attachment information that links config files and u-DIEX files.

■■■ F ■■■

■ File   [Specific to u-DIEX; Resource]

Electronic data that is the basic unit on handling u-DIEX resources

■Folder   [Specific to u-DIEX; Resource]

Holders that u-DIEX resources are stored.

■Folder deletion history   [Specific to u-DIEX; Setup]

The history of folder deletion.

■Forwarding patterns (samples)   [Specific to u-DIEX; Setup]

Samples for creating the folder easily.

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■Full path　[Computer term; Internet]

Path stated from root directory to the target directory in order.

■■■　I　■■■

■Inheritance　[Specific to u-DIEX; Role member]

The inheritance of access rights and role setup information from high-level folder.

■■■　J　■■■

■Java　[Computer term; Java]

Programming language developed by Oracle.

■JDK　[Computer term; Java]

Free Java language development environment provided by Oracle.

In order to use u-DIEX, JDK or JRE needs to be installed.　See installation guide or chapter 3 of u-DIEX User's Guide for the version supported by u-DIEX.

■JIS　[Computer term; File format]

One of the coding schemes to indicate Japanese.　JIS code handled in u-DIEX is JIS7 provided by adding one-byte Japanese syllabary to ISO-2022-JP with escape sequence.

■JRE　[Computer term; Java]

Set of free software provided by Oracle.　This software is necessary to execute the software developed by Java language.

In order to use u-DIEX, JDK or JRE needs to be installed.　See installation guide or chapter 3 of u-DIEX User's Guide for the version supported by u-DIEX.

■■■　L　■■■

■Logon information　[Specific to u-DIEX; Logon]

Information (user ID and user name) of the logon user.　It is displayed on the upper part of each Top screen for WEB-EDI, User Administrator and Setup.

■■■　M　■■■

■Maintenance　[Specific to u-DIEX; Role member]

The maintenance function that performs addition, update, deletion, and search operations for the common address book that can be shared in the service.

■MIME　[Computer term; Internet]

E-mail standard to handle each language, graphics, audio and moving images.

■Modify company information　[Specific to u-DIEX; User administration function]

Modification of company information. Only the Center administrator (TS) can modify company information.

■Modify folder　[Specific to u-DIEX; Setup]

Modification of settings for the selected folder. When the folder is modified, its destinations and base values (base values are relative numbers of days for setting Release date, deadline, and Valid period) can be modified. Service owners and super-users can modify folder setting.

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■Modify process information　[Specific to u-DIEX; User administration function]

Modification of process information. Only process administrators and Company administrators can modify this information of their own companies.

■Modify service　[Specific to u-DIEX; Setup]

Modification of a service. Only Center administrators can modify services.

■Modify user information　[Specific to u-DIEX; User administration function]

Modification of user information. Only Company administrators can modify this information of their own companies.

■■■　N　■■■

■NONE　[Computer term; Access rights]

One of the rights to access the resource. Unable to access to the resources.

■Not Read　[Specific to u-DIEX; Data list]

Status that the target file has never been opened, downloaded, or copied.

■Number of timeout retries (communications component) [Specific to u-DIEX; Communications component]

The number of retries implemented when an error occurs during data exchange.

■■■　O　■■■

■One-by-one　[Specific to u-DIEX; Communications Transfer mode]

Transfer method used on uploading and downloading files and packages. The files and packages being transferred are processed one at a time.　When communications error occurs, the resources that have been transferred up to that point are guaranteed safe.

■Open　[Specific to u-DIEX; Web-EDI function]

Browsing of the contents of file or package-file. Open (display) and open (input) commands are available.

■Operation date　[Specific to u-DIEX; Operation]

The date when an operation has been performed for the data.

■Operation details　[Specific to u-DIEX; Operation]

Details of an operation for the data.

■Operation history　[Specific to u-DIEX; Usage history function]

Operation history for the data.　Operation histories can be displayed from the following 3 points of view.

1. All: All operations are displayed.

2. Logon user: The operation histories for the logon user are displayed.

3. Each destination user: The latest operation histories for the specified destination on uploading or copying are displayed.

　In order to display the data, ALTER rights are required for the data.

■Operator　[Specific to u-DIEX; Actor]

A user who has performed an operation for the data.

■Organization　[Specific to u-DIEX; Organization]

The department or group that the user belongs.

■Organization code　[Specific to u-DIEX; Organization]

Identification code assigned to departments and groups.　Organization code should be unique in the company.

■Organization information　[Specific to u-DIEX; Organization]

Information for the department or group that the user belongs.

■Organization name　[Specific to u-DIEX; Organization]

The name for the organization that the user belongs.

■Owner　[Specific to u-DIEX; Actor]

The owner of service.　Owner has the following rights.

　 - Owner has ALTER rights for all data in the service.

- Owner can create folder in the service.

■■■　P　■■■

■Package　[Specific to u-DIEX; Resource]

u-DIEX resource that packs two or more files and folders. If folder is uploaded, it is treated as package in u-DIEX.　Package consists of package-folders and package-files.

■Package-file　[Specific to u-DIEX; Resource]

The files in package.

■Package-folder　[Specific to u-DIEX; Resource]

The folders in package.

■Parameter　[Computer term; Command]

Necessary information to execute the function and command (ex. file name or save in etc.)

■Password　[Specific to u-DIEX; Process]

It's used for the authentication when Communications components access to u-DIEX.　Passwords need to be modified by the Password setup command after Communications components setup.

■Personal address book　[Specific to u-DIEX; Role member]

When files and packages are uploaded, copied, or opened (input), destination needs to be specified. This information needs to be specified every time by using directory.

Destination can be created by text file in the client computer, and used as "Personal address book".

■Personal history　[Specific to u-DIEX; Usage history function]

The history of Web-EDI services used until now by the user. Date, operation content, or status can be confirmed.

■Process　[Specific to u-DIEX; Process]

Users that operate u-DIEX by using Communications components.

■Process administrator　[Specific to u-DIEX; Actor]

The user who manages the process.

■Process ID　[Specific to u-DIEX; Process]

The identification code assigned to the process.　Process ID should be unique in the company.

■Process information　[Specific to u-DIEX; Process]

Information of the process that includes process name, OS, and term of use.

■Process name　[Specific to u-DIEX; Process]

The name of the process.

■Process unique information file　[Specific to u-DIEX; Process]

This is the authentication information file used when the process communicates to the u-DIEX. Process unique information file is included in the Communications components.

■Protocol　[Computer term; Communication]

A set of rules in communicating among systems through network

■Proxy　[Computer term; Internet]

If computer is the environment that can't access the internet directly, proxy connects to the internet on behalf of this computer.

■■■　R　■■■

■READ　[Specific to u-DIEX; Access rights]

One of the rights to access the resource.　Able to only browse the resources.

■Read　[Specific to u-DIEX; Data list]

Status that open, download or copy has been performed on the data.　The status can be confirmed on the properties and data list.

■READ/WRITE　[Specific to u-DIEX; Access rights]

One of the rights to access the resource.　Able to browse and write the resources.

■Latest user　[Specific to u-DIEX; Usage history function]

The last user who has used the target data in u-DIEX.

■**Release date　[Specific to u-DIEX; Term]**

Date when the data is released to the destination.

This term can be specified when the file or package has been created by upload, copy or open (input).

*Time zone: Japan standard time.

■**Resource　[Specific to u-DIEX; Resource]**

Service, folder, package, package-folder, package-file and file in u-DIEX.

■**Response code　[Specific to u-DIEX; Operation]**

Error code output when the process is performed.

In case of Communications components, response code is specified for message No. of process results in execution results file.

■**Role　[Specific to u-DIEX; Role member]**

u-DIEX roles. Roles are owner, super-user, and user.

■**Role member　[Specific to u-DIEX; Role member]**

Role members assigned to roles.

■**Root　[Specific to u-DIEX; Address]**

The services in u-DIEX consist of a folder structure. The root refers to the top of the folder structure that stores files.

■■■ S ■■■

■**Service　[Specific to u-DIEX; Service]**

Services set in u-DIEX serve as places where data are stored and exchanged. Service registration requires a service application, and user can use the services once the Center administrator approves the application.

■**Service setup wizard　[Specific to u-DIEX; Setup]**

A tool for setting the service (batch folder registration) step by step. Only the owner of the target service can use this tool.

■**Setup　[Specific to u-DIEX; Service]**

A function that sets up (builds) services used by users.

■**S-JIS　[Computer term; File format]**

One of the character codes for Japanese.　This code is widely used as standard character code for the computer used in Japan.

■**SSL　[Computer term; Security]**

Protocol that encodes and exchanges the information on the internet.

In case of u-DIEX, data is encoded by using SSL.

■**Super-user　[Specific to u-DIEX; Actor]**

A user who is provided all rights (ALTER rights) by the owner of service.

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■**Temporary password　[Specific to u-DIEX; Process]**

The temporary password set when the Communications components are distributed. The temporary password must be replaced with a permanent password before communications begin.

■**Timeout time (communications component) [Specific to u-DIEX; Communications component]**

The response wait time on error occurrence during data exchange.

■**Transfer mode　[Specific to u-DIEX; Transfer mode]**

Transfer methods used on uploading and downloading files and packages. "Batch transfer" and "one-by-one transfer" are available.

■■■　U　■■■

■**Unused　[Specific to u-DIEX; Data list]**

Status that the target file has never been opened, downloaded, or copied.

■**Upload　[Specific to u-DIEX; Web-EDI function]**

A function that uploads the files and folders in the client computer to the specified folder in u-DIEX. In order to upload to the folder, READ/WRITE or ALTER rights are required for this folder.

■**URI [Computer term; Internet]**

Descriptive system that indicates the location of the information resources on internet.　URI is the address of information on the internet.　[URL] is created by specifying a part of URI functions.

■**URL [Computer term; Internet]**

Descriptive system that indicates the location of the information resources on internet.　URL is the address of information on the internet.

■**User　[Specific to u-DIEX; User]**

A user registered in u-DIEX.

The user can operate u-DIEX by using Web-EDI screen.

"User" is also used as the generic term of User and Process that can use the functions of u-DIEX.

■**User administration　[Specific to u-DIEX; Service]**

A function that manages information of user (organization information, user information, process information).

■**User ID　[Specific to u-DIEX; User]**

The identification code assigned to the user.　User ID should be unique in the company.

■ **User information　[Specific to u-DIEX; User]**

Information of user name, company, use period and Company administrator's authority.

■**User name　[Specific to u-DIEX; User]**

The name (full name) of the user.

■■■　V　■■■

■Valid period   [Specific to u-DIEX; Term]

Term when the data is released can be specified on uploading, copying or opening (inputting) the data.   If Valid period is over, the resource will be automatically deleted.
*Time zone: Japan standard time.

■■■ W ■■■
■Web-EDI   [Specific to u-DIEX; Service]

A function that performs upload, download, open, copy, and delete operations for the data used by users.

■What's new [Specific to u-DIEX; Web-EDI function]

One of the functions that notifies to the released user by message.   If a data is created in u-DIEX, destination for the data will be notified by message.

■Work folder (Communications component) [Specific to u-DIEX; Communications component]

A folder used as a temporary workspace. Generally about twice as much free disk space as the resources being transferred is necessary.

■■■ X ■■■
■XSL config file for input   [Specific to u-DIEX; Config file]

Style sheet used to display XML data. It is attached to xml files in the service and applied during open (display) operations. *Can be defined at the service level.

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