

[EN] 04. Registering DOIs in the DataCite System

Basic Information

DOI (digital object identifier) – a digital identifier of an electronic document, which – unlike URL identifiers – does not depend on the physical location of a document but is permanently ascribed to it.

DataCite – an international non-profit organization, the goal of which is to improve data citations to:

- facilitate access to scientific data on the Internet,
- increase the acceptance of scientific data as verified data and of the input in scientific publications, and
- support data archiving in order to make it possible to verify results and to use them in the future.

Configuring DOI

Before a registration of objects in the DataCite system, the dLibra system should be properly configured. The configuration process is presented in the “[Configuring DOI](#)” supplement.

General Information About the Registration

- Every object (a standard, planned, or group object) can be registered in the DataCite system. However, it should be remembered that (standard) objects with content must be published and assigned to a collection, otherwise the registration will not succeed (or, if the DOI has already been registered, it will be inactive).
- The identifiers have the following form: **prefix/id_objektu**, for example: **10.0855/122493**, where **the prefix** – is an assigned sequence of characters assigned to the given institution in the DataCite system, and **object_id** – is the internal object identifier in the dLibra system.

Registering DOIs in the DataCite System

- **Registering a DOI during the Creation of a New Object**

Every object created from scratch can have a DOI registered automatically in the DataCite system. The registration is possible for standard, group, and planned objects. Adding new objects has been described in the chapter about the [typical editor tasks](#). To register an object in the system, the user must select the “**Register a DOI**” option in the appropriate step of the creator for adding objects. In the cases of a planned object and a standard object, it is the “**Enter the general information about the object**” step; in the case of a group object, it is the “**Enter the name and description of the group object**”.

Kroki kreatora

1. Wybierz plik główny obiektu
2. Wprowadź metadane dla nowego obiektu
3. Ustaw prawa do obiektu
4. Dodaj obiekt do kolekcji
5. Miniatura dla wersji obiektu
- 6. Podaj informacje ogólne o obiekcie**
7. Przesłanie plików obiektu do serwera dLibra

Informacje ogólne o obiekcie

Informacje ogólne i ustawienia

Informacje administracyjne

Uwagi

Publikowanie

☐ Nieopublikowane ☐ Data publikacji Brak ...
☒ Opublikowane ☐ Data wygaśnięcia Nie wygasa ...

☐ Zabezpieczona
☒ Zarejestruj DOI

Plik główny C:\pliki\doi-article.pdf

Pomoc << Wstecz Dalej >> Zakończ Anuluj

The "Register a DOI" option in the process of creating a standard object

Kroki kreatora

1. Wprowadź metadane dla nowego obiektu
2. Ustaw prawa do obiektu
3. Dodaj obiekt do kolekcji
- 4. Podaj informacje ogólne o obiekcie**

Informacje ogólne o obiekcie

Nazwa

Informacje administracyjne

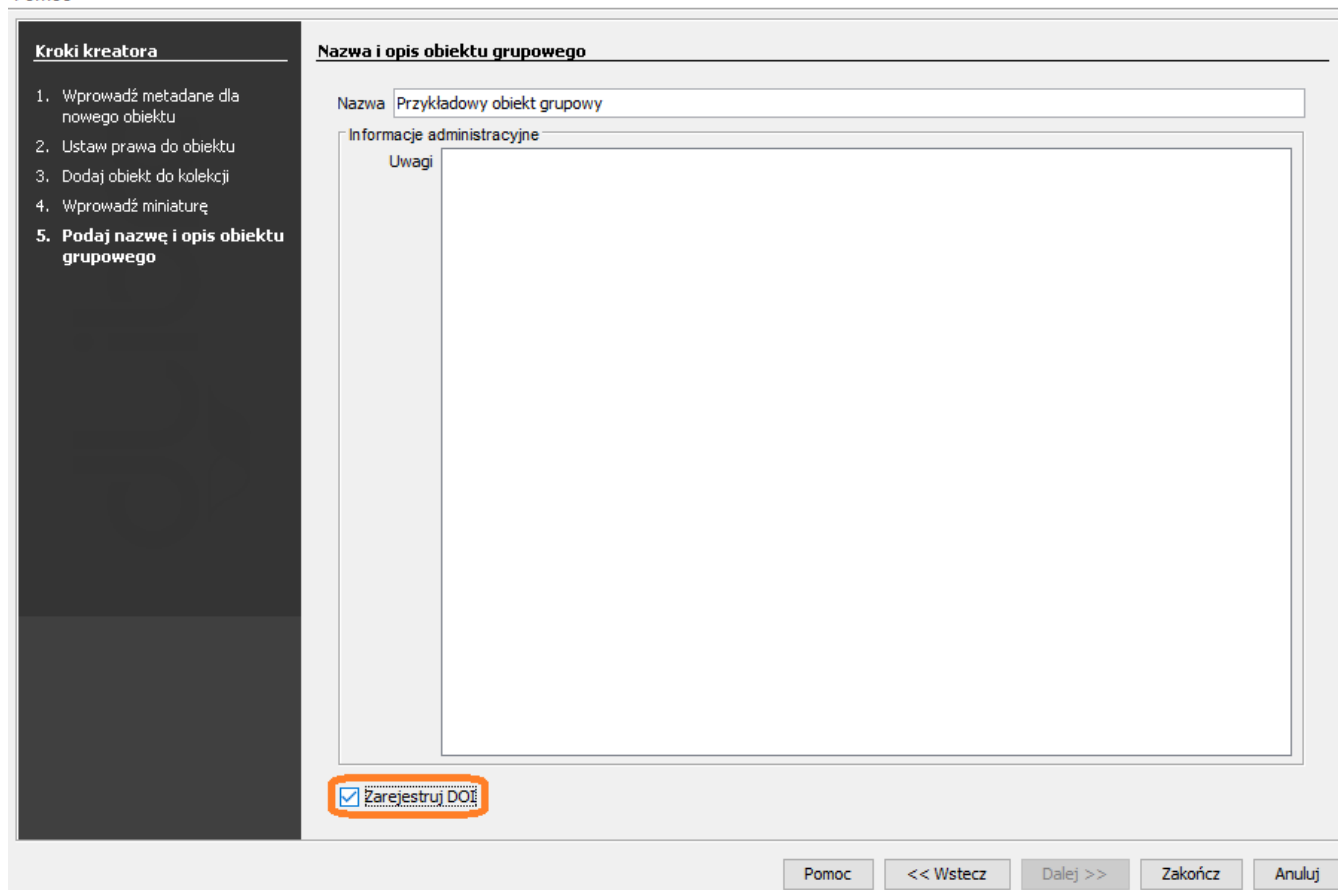
Uwagi

☐ Zabezpieczona

☒ **Zarejestruj DOI**

☐ Przewidywany czas udostępnienia Brak

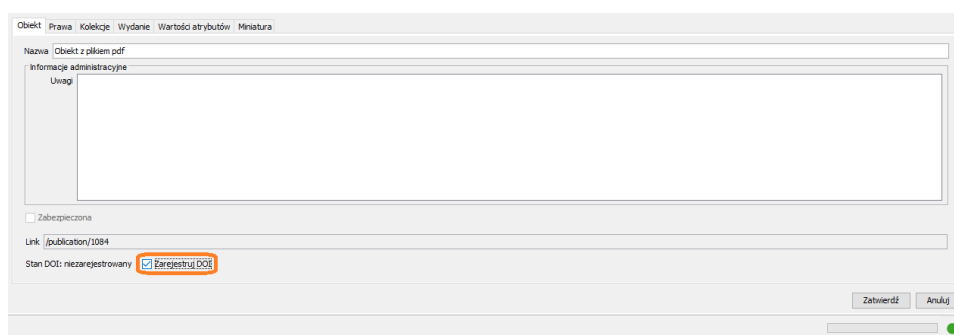
The "Register a DOI" option in the process of creating a planned object



The "Register a DOI" option in the process of creating a group object

- **Registering a DOI during the Process of Updating Information about an Object**

A DOI does not have to be registered during the process of creating a new object. The editor can register a DOI at any moment, by going to the details panel of the selected object in the Editor Application. In that panel, the editor should select the **"Register a DOI"** option and confirm the changes. Three types of objects can be registered in that way: standard, planned, and group objects.



The "Register a DOI" option in the details panel of an object

The Statuses of a DOI Registration

Two methods of registering a DOI are presented in the **"Registering DOIs in the DataCite System"**: **registering a DOI during the process of creating an object** and **registering a DOI during the process of updating information about an object**. The process of communicating with the DataCite system can take up to a few minutes. In order to check a DOI for an object, the editor should go to its details panel in the Editor Application. That panel is illustrated in the image below. The place in which the current status is displayed is circled. Next to the status, there is the DOI generated for the object.

Obiekt Prawa Kolekcje Wydanie Wartości atrybutów Miniatura

Nazwa Przykładowy obiekt

Informacje administracyjne

Uwagi

☐ Zabezpieczona

Link

Stan DOI: aktywny 10.0855/932

Informacje techniczne

Utworzenie

Zmiana

Zatwierdź Anuluj

The DOI status in the details panel for the selected object

In the dLibra system, there are the following DOI statuses:

- **“unregistered”** – the object has never been registered in the DataCite system;
- **“awaiting registration”** – the object has been approved for DOI registration, but it awaits the information about the positive or negative outcome of the registration process;
- **“awaiting publication”** – the object has been approved for DOI registration, but it awaits publication and assignment to a collection before a registration request is sent to the DataCite system;
- **“inactive”** – the object has been registered in the DataCite system and has an assigned DOI, but the identifier cannot be used publicly because the object is unavailable on the website (for example, it is not assigned to a collection or it is not published);
- **“server communication error”** – the DOI registration or data update has not been successful because of technical reasons related to communication with the DataCite system; in order to retry to communicate with the system, the user should select the “Try again” field and confirm the changes;
- **“awaiting an attempt at communicating with the DOI system”** – that status is visible after the user has tried to use the “Try again” option after a communication error, and it means that the DOI is waiting for information about the positive or negative outcome of another attempt; and
- **“active”** – the object has been correctly registered in the DataCite system and is active.

Deactivating a DOI

It is not possible to remove a DOI for an object in the dLibra system, but it can be deactivated. In order to change the status of a registered object to “inactive”, the user should switch the **“Publishing”** option of the object to the **“Unpublished”** value. For information about publishing an object, see the chapter about [publishing an object edition](#).