

Mandator

🌐 Language: [Deutsch](#) · [English](#)

💡 Mandator

Multi-tenancy in Nuclos – levels, user assignment, automatic data separation, data sources and the mandator provider.

KONZEPT

ADMINISTRATOR

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APPLIES TO NUCLOS 4.2026.X

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Menu *Administration* *Mandator*. With **multi-tenancy** you run several independent organizational units in *one* Nuclos instance. Nuclos separates the data automatically – without manual filtering in rules or searches.

Core principles

- Mandators are **instance-bound** (not part of a nuclet).
- Users are assigned to mandators **m:n**.
- Mandators form a **hierarchy of levels** (e.g. country state city).
- For each business object you decide individually whether it is **mandator-dependent** (and at which level).
- The separation also applies to **super users**.

Levels & permission

A permission on a higher level includes the ones below. Example: logging in as *Bavaria* yields the valid mandators *Germany*, *Bavaria*, *Munich*. Nuclos automatically appends `WHERE STRUID_NUCLOSMANDATOR IN (...)` to all relevant statements.

Login

If a user has more than one mandator, a **mandator selection** appears after successful authentication; the last used one is preselected (5-second timer). New records are automatically linked to the matching mandator of the required level.

Data sources

- Data sources using the **standard model** are restricted automatically.
- With **manual SQL** the parameter `$mandator` is available (list of valid mandator UIDs) – always use it with `IN`:

```
T3.STRUID_NUCLOSMANDATOR in ( '$mandator' )
```



SQL right

Only users with the corresponding right may write custom SQL in data sources – otherwise the mandator separation could be bypassed.

Mandator in jobs/rules: NuclosMandatorProvider

When a job creates records in a mandator-dependent BO, the mandator must be determined. For this you implement the `NuclosMandatorProvider` interface (fully qualified) – Nuclos calls it *before* the insert rule if the mandator is not already known from processed data:

```
public class InvoiceMandatorProvider implements org.nuclos.api.provider.NuclosMandatorProvider<Invoice> {  
    @Override  
    public MandatorId getNuclosMandatorId(Invoice invoice) {  
        // Mandant z.B. aus Land/PLZ/Straße der Rechnung ermitteln  
        return mapping.resolveMandatorId(invoice);  
    }  
}
```

Color coding (from 4.5)

A mandator can be assigned a **color** in the administration, shown in the toolbar of the detail view – so it is immediately clear which mandator you are working in. Working environments also remember the last opened tabs per mandator, and nuclet parameters can take mandator-specific values.

Related pages

Merging two systems into one system with two mandators

Migration.

[Open](#)

User groups

Rights.

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