

Supporting classes

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Supporting classes

Overview of the provider and helper classes of the Nuclos rule API.

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Supporting classes of the rule API

For clear rule programming, the Nuclos API provides several **provider and helper classes**. Within a rule, Nuclos data is available as **business objects** – generated Java classes whose attributes match the business object's fields (e.g. „order“ becomes the class `Order`).

 **API documentation**
Full API reference: api.nuclos.de.

Providers at a glance

Class	Purpose
QueryProvider	Query data in a typed way.
BusinessObjectProvider	Create/update/delete BOs.
DatasourceProvider	Run data sources.
GenerationProvider	Run generation steps.
PrintoutProvider	Create forms.
ReportProvider	Create reports.
MailProvider	Send/receive e-mails.
FileProvider	Print/save files.
ImportProvider	Run data imports.
ParameterProvider	Read system/nuclet parameters.
StatemodelProvider	Trigger state changes.

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