

Conventions for Nuclos API development

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

📖 Conventions for Nuclos API development

Conventions for the Nuclos API – naming of methods/ids and rules for error handling.

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Binding conventions for developing with the Nuclos API – for consistent, maintainable code.

Naming

Rule	Example
Collections: suffix ...All()	insert(BusinessObject) vs. insertAll(Collection<BusinessObject>)
Delete: delete	not remove, drop ...
Insert: insert	not new, create ...
Update: update	not modify ...
Ids: Id instead of ID	getId(), returning methods end in ...Id()
Id data type	always Long or UID

Error handling

- **Never** swallow exceptions silently – write at least a warning to the log.
- **Do not** throw a RuntimeException (e.g. CommonFatalException) on the dispatch thread – it crashes/freezes the GUI.
- Avoid catching generic Exception/RuntimeException; if necessary, keep it minimal.
- Avoid long method chains – they are hard to debug and produce unhelpful stack traces.



Examples

Examples of clean style: [Code Style](#) and [bad right](#).

Related pages



Code Style

Style.

[Open](#)



Tools

UIDGenerator.

[Open](#)

