

Event - Authentication rule

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

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Custom authentication at login – e.g. against LDAP, SSO or a REST service.

REFERENZ

DEVELOPER

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APPLIES TO NUCLOS 4.2026.X

On this page

- [When does the rule fire?](#)
- [Structure](#)
- [Related pages](#)

When does the rule fire?

An **AuthenticationRule** fires when a user **logs in**. It implements the `AuthenticationRule` interface and enables custom authentication – e.g. against an external system (LDAP, SSO, REST service). It is not assigned to a business object but active server-wide.

Structure

The class implements two methods: `authenticate(...)` validates the credentials, `refreshAuthentication(...)` renews an existing session.

```
package org.nuclet.handel;

import org.nuclos.api.rule.AuthenticationRule;
import org.nuclos.api.context.AuthenticationContext;
import org.nuclos.api.context.RefreshAuthenticationContext;
import org.nuclos.api.annotation.Rule;
import org.nuclos.api.exception.BusinessException;
import org.nuclos.api.authentication.*;

/** @name
 * @description
 * @usage
 * @change
 */
@Rule(name="wer", description="werwr")
public class wer implements AuthenticationRule {

    public AuthenticationResult authenticate(AuthenticationContext context) throws BusinessException {

    }
    public boolean refreshAuthentication(RefreshAuthenticationContext context) throws BusinessException {

    }

}
```



Context: AuthenticationContext

The `AuthenticationResult` determines success/failure. The `AuthenticationContext` provides the user name and credentials.



Caution

Faulty authentication rules can block logins. Test thoroughly before production use.

Related pages

 Server-side rules

Basics.

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