

# Deprecated features

Please note the list of deprecated features is under construction and can be changed based on customer input.

Please note that this page reflects the state of the current version. Features that were removed from the product also have been removed from this list. Please visit older versions of this page to see what changed: [Deprecated features 14](#)

## Definitions

**Deprecation** is a status applied to software features to indicate that they should be avoided, typically because they have been superseded. Although deprecated features remain in the software, their use may raise warning messages recommending alternative practices, and deprecation may indicate that the feature will be removed in the future. Features are deprecated — rather than immediately removed — in order to provide backward compatibility, and give programmers who have used the feature time to bring their code into compliance with the new standard.

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## Deprecations List

Deprecated Item	Became deprecated in version	Will be removed in version	Recommended Alternative	How to migrate
Actions	v8.x	VERSION 18	Events	Use events in your flow
Specializing the data type of an attribute, the cardinality of a relation, or relation targets	v11.2	VERSION 18	-	Change the base definition or make copy the element with a different name in the desired module.
Theming support	v13.0	VERSION 18	<a href="#">NPM Libraries</a>	Create a custom front-end based on the <a href="#">NPM Libraries</a> we provide. We prefer an <a href="#">Angular</a> front-end for which we provide a <a href="#">Material theme</a> default project that may be used as a starting point. These NPM libraries make use of the <a href="#">UI REST API V2</a> , which could be used as an alternative if the NPM libraries do not fit your needs.

## Technical deprecations

Deprecated Item	Became deprecated in version	Will be removed in version	Recommended Alternative	How to migrate
MetaModel Generator plugin	Not yet	TBD	Not needed anymore. Via parameters	
@AquimaProject Scope annotation	v15	VERSION 18	No alternative. We don't intend to support custom code for certain projects only, since Blueriq is a platform where any project can run on.	If certain custom components are only required for certain projects, we advise to run these on a separate Runtime with the required custom components included.
Basic authentication for the Management Service	v17	VERSION 18	Use Bearer authentication instead.	A token has to be requested from Keycloak.

## Platform Support deprecations

Deprecated platforms can be found at the [platform support](#) page.