

# Limitations reference

## Intro

Limitations are crucial building blocks of the [permissions system](#) in eZ Platform. They provide the restrictions you can apply to a given access right to limit the right according to certain conditions.

Limitations consist of two parts:

- `Limitation (Value)`
- `LimitationType`

Certain limitations also serve as `RoleLimitations`, which means they can be used to limit the rights of a `Role` assignment. Currently this covers `Subtree` and `Section` limitations.

`Limitation` represents the value, while `LimitationType` deals with the business logic surrounding how it actually works and is enforced. `LimitationTypes` have two modes of operation in regards to permission logic (see `eZ\Publish\SPI\Limitation\Type` interface for more info):

Method	Use
<code>evaluate</code>	Evaluating if the user has access to a given object in a certain context (for instance the context can be <code>Locations</code> when the object is <code>Content</code> ), under the condition of the <code>Limitation</code> value(s).
<code>getCriterion</code>	Generates a <code>Criterion</code> using <code>Limitation</code> value and current user which <code>SearchService</code> by default applies to search criteria for filtering search based on permissions.

## List of Limitations

Limitation	Description
<a href="#">BlockingLimitation</a>	Generic limitation that always tells the permissions system that the user has no access, causing it to continue to the next policy.
<a href="#">ContentTypeLimitation</a>	Limits content access depending on its Content Type.
<a href="#">LanguageLimitation</a>	Limits content access depending on its Language.
<a href="#">LocationLimitation</a>	Limits content access depending on its Location.
<a href="#">NewObjectStateLimitation</a>	Limits content ObjectState assignment access depending on new state.
<a href="#">NewSectionLimitation</a>	Limits content Section assignment access depending on new Section.
<a href="#">ObjectStateLimitation</a>	Limits content access depending on its ObjectStates.
<a href="#">OwnerLimitation</a>	Limits content access depending on its owner; access is only granted to the owner of the content.
<a href="#">ParentContentTypeLimitation</a>	Limits content (create) access depending on parent location Content Type; access is only granted if the parent is of this type of content.
<a href="#">ParentDepthLimitation</a>	Limits content (create) access depending on parent location depth; access is only granted if the parent is at a given depth of the tree structure.
<a href="#">ParentOwnerLimitation</a>	Limits content (create) access depending on parent location content owner; access is only granted if to the owner of the Content item's parent.
<a href="#">ParentUserGroupLimitation</a>	Limits content (create) access depending on parent location content owner's User group; access is only granted to a User in the same User group as owner of the Content item's parent.
<a href="#">SectionLimitation</a>	Limits content access depending on its Section.
<a href="#">SiteAccessLimitation</a>	Limits access to an action depending on siteaccess, typically used for user/login.
<a href="#">SubtreeLimitation</a>	Limits content access depending on its subtree.

UserGroupLimitation	Limits content access depending on its owner's User group; access is only granted to a User in the same User group as the owner.
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**Related topics:**

- [Permissions](#)