

# How to convert request parameters into API objects

## What it does

In lots of cases, a request will provide a contentId or a locationId. Before using them, you will have to load API object within your controller.

For example:

```
public function listBlogPostsAction( $locationId )
{
    $location = $repository->getLocationService()->loadLocation( $locationId );
}
```

Thanks to the param converter, you can directly have the API object at your disposal. All you have to do is:

- For Locations:
  - In your controller's signature, type in the variable to Location.
  - Make sure a parameter named "locationId" is provided by the request.
- For Content items:
  - In your controller's signature, type in the variable to Content
  - Make sure a parameter named "contentId" is provided by the request

Example using Locations:

```
use eZ\Publish\API\Repository\Values\Content\Location;

public function listBlogPostsAction( Location $location )
{
    // use my $location object
}
```

## How it works

If you want to understand how it works, you can check [Symfony's param converter documentation](#) and the [pull request implementing the Repository ParamConverters](#).

## How to migrate your current application

See [example pull request on the DemoBundle](#) it provides a few concrete examples.