

# EOF-Using EOF-Fetch Limits

## Overview

By default, when you use an EOFFetchSpecification, it will fetch all of the EOs that match its EOQualifier. However, often the user interface you will be using is paginated, and there are large performance wins by instead loading your results in pages.

## Core WO

EOFFetchSpecification provides a setFetchLimit(int) method, but it does not directly support pagination, rather it will simply stop returning results after the number specified. This is useful for a cut-and-run approach to querying, but if you need to provide multiple pages of results, you will likely need to look elsewhere.

## Project Wonder

Project Wonder provides several facilities for addressing this problem:

- ERXEOControlUtilities.objectsInRange(ec, fs, start, end) for PostgreSQL, MySQL, and FrontBase
- ERXBatchingDisplayGroup
- ERXRecursiveBatchFetching
- ERXFetchSpecificationBatchIterator [Max Muller's original post describing this](#)