

# 1 Overview

This document is a Technical Design document for the Basket Manager (BM) component of the eSciDoc infrastructure.

The component Basket Management manages user specific collection of content item references, so called baskets.

For the first release, the **Basket Management component** (BM) offers services in the following areas.

## 1.1 Basket Administration

A basket is an ordered set of references to eSciDoc content items. It's owned by one user. Each user can own any number of baskets. A basket has properties which have to be provided upon it's creation. These properties can be edited.

References to eSciDoc content items can be placed into a basket and deleted from it. They can be retrieved by getting the whole basket and accessing it's content.

A basket can be deleted.

Baskets and their content can be copied and merged into new or existing baskets.

## 1.2 Basket Peers Administration

A basket can be shared with other users. Such users are called Peers.