Logical Caches

Abstract
This page contains high level description of logical caches design, API changes, pros and possible impacts.

Design Description
TBD

Why Use Logical Caches
Logical caches help to minimize overhead brought by Apache Ignite internal data structures that support caches and internals:

1. Less heap allocated for partition location maps.
2. Shorter and faster partition map exchanges.
3. Decreased number open files in case of data persistence.

API Changes
TBD: how to use logical caches

Possible Impacts
TBD: what user should be aware of when using Logical Caches.

Iteration speed?
Updates during rebalancing?
Concurrent updates?