Towards a Formal Verification of B+ Trees

Nicolai Dahl Blicher-Petersen, Christian Harrington, and Morten Fangel Jensen
{ndbl, cnha, mfan}@itu.dk

IT University of Copenhagen, Rued Langgaards Vej 7, 2300 Copenhagen S, Denmark

Abstract. Abstract

Keywords: B+ tree, Coq, Gallina, Formal verification

1 Parsing

2 Stopping

- Talk about the delegation design pattern we've used. - Talk about the hashing function

3 Indexing

4 Querying

A Find Subtree Source