

Database for Web The popularity of www has made database a prime vehicle for diss eminating information. There are 3 classes of tasks related to information management on the www Modeling & arreing the was we can view web as a directed graph whose modes are web pages and whose edges are links botween Queries can be used for retraining certain pages The queries can be based on the content of desired bages and on the link stoucture connecting the Information extraction l'integration. Costain web estes can be viewed at a finer generalist level them pages as Containers of structured data (Eg-Sets of types or Sets of objects) There are 2 tasks to consider. The first task is to actually extract a structured rep of the data from the HTML pages containing them The second took is addressed by mediator (or data integration exeterns/ web site Construction & Restructiving there we consider the process of creating websites Web sites can be constructed citizen by starting with some naw data patored in databases of structured file or by readouturing existing



Mobile Databases Mobile databases are separate from the main database any can easily be transported to various places. - Even though they are not connected to the main databay they can still communicate with the database to show and exchange data. 9+ includes the following components -. The main database that stores all the dator & is linky to the mobile database The mobile database that allowing to users to view information even while on the move 9+ shares information with the main database. . The device that uses the mobile database to access data This device can be a mobile prone, laptopete - A comme link that allows the branefer of data blu the mobile datab ess & the main database Database Interoperability - Interoperability is the ability of a single application to operate with many different DBMS. genteroperability is not a simple path followed from "not interoperable" to "completely interoperable" - The path has many branches, each requires trade of among features, speed, code, complexity & dev. time - The prover of wenting an interoperable app tollows several state carding whether the application will use database choosing a lovel of interoperability and deciding which trade-offe are necessary to neach that level writing interoperable code & teeting it fully as possible