

HTML5 Web Storage, IndexedDB and File System

IndexedDB: Initialization & CRUD Operations

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pluralsight 
hardcore developer training

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CRUD Operations

key value



db Model ⓘ

Create

Read

Update

Delete

```
var db = {
  name: 'CrudDB',
  version: 1,
  instance: {},
  storeNames: {
    courses: 'courses'
  },
  defaultErrorHandler: function (e) {
    $$result.log(e);
  },
  setDefaultErrorHandler: function (request) {
    if ('onerror' in request) {
      request.onerror = db.defaultErrorHandler
    }

    if ('onblocked' in request) {
      request.onblocked = db.defaultErrorHandl
    }
  }
}
```

RESULT

- The CrudDB database open and ready.

Up Next...



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Cursors, Indexes & Ranges

last name, age, age range, etc.



db Model ⓘ

Upgrade ⓘ

Cursor

Index

Range (numeric)

Range (string)

Ordering

```
var db = {
  name: 'CursorDB',
  version: 1,
  instance: {},
  defaultErrorHandler: function (e) {
    $$result.log(e);
  },
  setDefaultErrorHandler: function (request) {
    if ('onerror' in request) {
      request.onerror = db.defaultErrorHandler
    }

    if ('onblocked' in request) {
      request.onblocked = db.defaultErrorHandler
    }
  }
}
```

RESULT

- Creating `people` store
- 100 people objects are now added to the `people` store.
- The `CursorDB` database open and ready.