

Blob support for IndexedDB landed on Chrome Dev



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Chrome Dev has landed support for Blob on IndexedDB.

This is a long awaited feature for Chrome that allows IndexedDB API to be able to store and retrieve a Blob without converting it to a Base64 string.

IndexedDB provides large scale key-value type persistent storage that is available on most of modern browsers (Safari apparently will land support in iOS8 and Mac OS X 10.10). Check out [its implementation status](#).

Blob is a file-like binary object modern JavaScript engines can handle. File objects inherits from Blob. You can also fetch images and files as Blob via XMLHttpRequest. Check out [its implementation status](#).


Storing a Blob on IndexedDB

There is no way to feature detect the Blob availability in IndexedDB. You basically have to try-catch then use string instead of Blob if it is not available. Here's some sample code:

```
// Create an example Blob object
var blob = new Blob(['blob object'], {type: 'text/plain'});

try {
  var store = db.transaction(['entries'], 'readwrite').objectStore('entries');

  // Store the object
  var req = store.put(blob, 'blob');
  req.onerror = function(e) {
    console.log(e);
  };
  req.onsuccess = function(event) {
    console.log('Successfully stored a blob as Blob.');
```



```
};
} catch (e) {
```

```
var reader = new FileReader();
reader.onload = function(event) {
    // After exception, you have to start over from getting transaction.
    var store = db.transaction(['entries'], 'readwrite').objectStore('entries');

    // Obtain DataURL string
    var data = event.target.result;
    var req = store.put(data, 'blob');
    req.onerror = function(e) {
        console.log(e);
    };
    req.onsuccess = function(event) {
        console.log('Successfully stored a blob as String.');
```

Blob support for IndexedDB is already available on Firefox and Internet Explorer as well. Safari support needs to be investigated.

Enjoy!

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