1. 部分代码片段
2. 使用HTML5 File API 对文件分片和spark-md5计算文件的hash值

function calcHash(file){

var blobSlice = File.prototype.slice || File.prototype.mozSlice || File.prototype.webkitSlice,

// file = this.files[0],

chunkSize = 2097152, // Read in chunks of 2MB

chunks = Math.ceil(file.size / chunkSize),

currentChunk = 0,

spark = new SparkMD5.ArrayBuffer(),

fileReader = new FileReader();

fileReader.onload = function (e) {

//console.log('read chunk nr', currentChunk + 1, 'of', chunks);

spark.append(e.target.result); // Append array buffer

currentChunk++;

if (currentChunk < chunks) {

loadNext();

} else {

//console.log('finished loading');

//console.info('computed hash', spark.end()); // Compute hash

const hash = spark.end()

console.log(file.name, file.size, hash)

}

};

fileReader.onerror = function () {

console.warn('oops, something went wrong.');

};

function loadNext() {

var start = currentChunk \* chunkSize,

end = ((start + chunkSize) >= file.size) ? file.size : start + chunkSize;

fileReader.readAsArrayBuffer(blobSlice.call(file, start, end));

}

loadNext();

}

（2）使用Java计算文件的MD5

File file = new File("E:\\download\\ubuntu-19.10-desktop-amd64.iso");

var fin = new FileInputStream(file);

MessageDigest md = MessageDigest.getInstance("MD5");

byte[] buffer = new byte[1048576];

int length;

while ((length = fin.read(buffer, 0, 1024)) != -1) {

md.update(buffer, 0, length);

}

BigInteger bigInt = new BigInteger(1, md.digest());

System.out.println("文件md5值：" + bigInt.toString(16));

1. 系统部分截图

管理员编辑通告的页面

