Rapport TP1

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Exercice 1 :

1) Nous effectuons une requête par sort sur le site DXContent (avec un id max de 1975) et nous utilisons plusieurs regex afin d'extraire les informations du sort du DOM.
   Voici le résultat après l'insertion dans MongoDB :

```
_id: ObjectId("5a9ccb2afda15311d0339ac5")
name: "Arcane Lock"
level: 2
Components: Array
    0: "V"
    1: "S"
    2: "M"
Classes: Array
    0: "sorcerer"
    1: "wizard"
Resistance: false

_id: ObjectId("5a9ccb2afda15311d0339ac6")
name: "Align Weapon"
level: 2
Components: Array
Classes: Array
Resistance: false

_id: ObjectId("5a9ccb2afda15311d0339ac7")
name: "Alter Self"
level: 2
Components: Array
    0: "V"
    1: "S"
    2: "M"
Classes: Array
    0: "bard"
    1: "sorcerer"
    2: "wizard"
    3: "witch"
    4: "summoner"
    5: "alchemist"
    6: "magus"
    7: "shaman"
Resistance: null

_id: ObjectId("5a9ccb2afda15311d0339ac8")
name: "Acid Splash"
level: 0
Components: Array
Classes: Array
Resistance: false
```

2) Voici la liste des sorts trouvés avec MongoDB :

```
39 /////MONGODB///////
40 MapReduce result:
41 [ [ 'Blindness/DeafnessMythic Blindness/Deafness', 2 ],
42   [ 'Blur', 2 ],
43   [ 'ShoutMythic Shout', 4 ],
44   [ 'Rainbow Pattern', 4 ],
45   [ 'Steal Voice', 2 ],
46   [ 'Buoyancy', 2 ],
47   [ 'Wave Shield', 1 ],
48   [ 'Sundering Shards', 1 ],
49   [ 'Storm Step', 3 ],
50   [ 'Silent Table', 2 ],
51   [ 'Dimension Door', 4 ],
52   [ 'Flare', 0 ],
53   [ 'Hypnotic Pattern', 2 ],
54   [ 'Geas, Lesser', 4 ],
55   [ 'Feather FallMythic Feather Fall', 1 ],
56   [ 'Flare Burst', 1 ],
57   [ 'Buoyancy', 2 ],
58   [ 'Liberating Command', 1 ],
59   [ 'Anti-Summoning Shield', 2 ],
60   [ 'Emergency Force Sphere', 4 ],
61   [ 'Chastise', 1 ],
62   [ 'Sotto Voce', 0 ],
63   [ 'Dweomer Retaliation', 3 ],
64   [ 'Liberating Comand', 1 ],
65   [ 'Hold PortalMythic Hold Portal', 1 ],
66   [ 'Knock', 2 ],
67   [ 'Spark', 0 ] ]
68 27
```

3) Voici le résultat produit par SQLite :

```
sqlite result:
[ { name: 'Blindness/DeafnessMythic Blindness/Deafness',
    level: 2 },
  { name: 'Blur', level: 2 },
  { name: 'ShoutMythic Shout', level: 4 },
  { name: 'Rainbow Pattern', level: 4 },
  { name: 'Steal Voice', level: 2 },
  { name: 'Buoyancy', level: 2 },
  { name: 'Wave Shield', level: 1 },
  { name: 'Sundering Shards', level: 1 },
  { name: 'Storm Step', level: 3 },
  { name: 'Silent Table', level: 2 },
  { name: 'Dimension Door', level: 4 },
  { name: 'Flare', level: 0 },
  { name: 'Hypnotic Pattern', level: 2 },
  { name: 'Geas, Lesser', level: 4 },
  { name: 'Feather FallMythic Feather Fall', level: 1 },
  { name: 'Flare Burst', level: 1 },
  { name: 'Buoyancy', level: 2 },
  { name: 'Liberating Command', level: 1 },
  { name: 'Anti-Summoning Shield', level: 2 },
  { name: 'Emergency Force Sphere', level: 4 },
  { name: 'Chastise', level: 1 },
  { name: 'Sotto Voce', level: 0 },
  { name: 'Dweomer Retaliation', level: 3 },
  { name: 'Liberating Comand', level: 1 },
  { name: 'Hold PortalMythic Hold Portal', level: 1 },
  { name: 'Knock', level: 2 },
  { name: 'Spark', level: 0 } ]
27
```