

从零开始 学js正则 快速入门

一、js正则案例

开发工具 WebStorm

案例：

1. 表情演示 weibo.com
2. 关键字高亮 developers.weixin.qq.com
3. md语法 ovenslove.github.io/vue-mdEditor
4. 表单验证 element-cn.eleme.io
5. xss安全 [kindeditor](http://kindeditor.com)

二、表情替换、关键字高亮

三、md语法、底层内核

四、表单验证 url 手机号

五、xss安全 vue router原理

第二章_表情替换_01.mp4

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Title</title>
</head>

<body>
  <div id="emoji"></div>
</body>

<script>
  var emoji_list = [{
    "source": "assets/images/emoji/expression_1.png",
    "type": "image",
    "order": ,
    "title": "微笑"
  }, {
    "source": "assets/images/emoji/expression_2.png",
    "type": "image",
```

```
    "order": 1,
    "title": "撇嘴"
  }, {
    "source": "assets/images/emoji/expression_3.png",
    "type": "image",
    "order": 2,
    "title": "色"
  }, {
    "source": "assets/images/emoji/expression_4.png",
    "type": "image",
    "order": 3,
    "title": "发呆"
  }, {
    "source": "assets/images/emoji/expression_5.png",
    "type": "image",
    "order": 4,
    "title": "得意"
  }, {
    "source": "assets/images/emoji/expression_6.png",
    "type": "image",
    "order": 5,
    "title": "流泪"
  }, {
    "source": "assets/images/emoji/expression_7.png",
    "type": "image",
    "order": 6,
    "title": "害羞"
  }, {
    "source": "assets/images/emoji/expression_8.png",
    "type": "image",
    "order": 7,
    "title": "闭嘴"
  }, {
    "source": "assets/images/emoji/expression_9.png",
    "type": "image",
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    "title": "睡"
  }, {
    "source": "assets/images/emoji/expression_10.png",
    "type": "image",
    "order": 9,
    "title": "大哭"
  }, {
    "source": "assets/images/emoji/expression_11.png",
    "type": "image",
    "order": 10,
    "title": "尴尬"
  }, {
    "source": "assets/images/emoji/expression_12.png",
```

```
    "type": "image",
    "order": 11,
    "title": "发怒"
  }, {
    "source": "assets/images/emoji/expression_13.png",
    "type": "image",
    "order": 12,
    "title": "调皮"
  }, {
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    "order": 13,
    "title": "呲牙"
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    "order": 14,
    "title": "惊讶"
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    "source": "assets/images/emoji/expression_16.png",
    "type": "image",
    "order": 15,
    "title": "难过"
  }, {
    "source": "assets/images/emoji/expression_18.png",
    "type": "image",
    "order": 16,
    "title": "囧"
  }, {
    "source": "assets/images/emoji/expression_19.png",
    "type": "image",
    "order": 17,
    "title": "抓狂"
  }, {
    "source": "assets/images/emoji/expression_20.png",
    "type": "image",
    "order": 18,
    "title": "吐"
  }, {
    "source": "assets/images/emoji/expression_21.png",
    "type": "image",
    "order": 19,
    "title": "偷笑"
  }, {
    "source": "assets/images/emoji/expression_22.png",
    "type": "image",
    "order": 20,
    "title": "愉快"
  }, {
```

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    "source": "assets/images/emoji/expression_23.png",
    "type": "image",
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    "title": "白眼"
  }, {
    "source": "assets/images/emoji/expression_24.png",
    "type": "image",
    "order": 22,
    "title": "傲慢"
  }, {
    "source": "assets/images/emoji/expression_26.png",
    "type": "image",
    "order": 23,
    "title": "困"
  }, {
    "source": "assets/images/emoji/expression_27.png",
    "type": "image",
    "order": 24,
    "title": "惊恐"
  }, {
    "source": "assets/images/emoji/expression_28.png",
    "type": "image",
    "order": 25,
    "title": "流汗"
  }, {
    "source": "assets/images/emoji/expression_29.png",
    "type": "image",
    "order": 26,
    "title": "憨笑"
  }, {
    "source": "assets/images/emoji/expression_30.png",
    "type": "image",
    "order": 27,
    "title": "悠闲"
  }, {
    "source": "assets/images/emoji/expression_31.png",
    "type": "image",
    "order": 28,
    "title": "奋斗"
  }, {
    "source": "assets/images/emoji/expression_32.png",
    "type": "image",
    "order": 29,
    "title": "咒骂"
  }, {
    "source": "assets/images/emoji/expression_33.png",
    "type": "image",
    "order": 30,
    "title": "疑问"
```

```
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  "type": "image",
  "order": 31,
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  "source": "assets/images/emoji/expression_35.png",
  "type": "image",
  "order": 32,
  "title": "暈"
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  "source": "assets/images/emoji/expression_37.png",
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  "title": "衰"
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  "order": 34,
  "title": "骷髏"
}, {
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  "type": "image",
  "order": 35,
  "title": "敲打"
}, {
  "source": "assets/images/emoji/expression_40.png",
  "type": "image",
  "order": 36,
  "title": "再见"
}, {
  "source": "assets/images/emoji/expression_41.png",
  "type": "image",
  "order": 37,
  "title": "擦汗"
}, {
  "source": "assets/images/emoji/expression_42.png",
  "type": "image",
  "order": 38,
  "title": "抠鼻"
}, {
  "source": "assets/images/emoji/expression_43.png",
  "type": "image",
  "order": 39,
  "title": "鼓掌"
}, {
  "source": "assets/images/emoji/expression_45.png",
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```

```
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  }, {
    "source": "assets/images/emoji/expression_47.png",
    "type": "image",
    "order": 42,
    "title": "右哼哼"
  }, {
    "source": "assets/images/emoji/expression_48.png",
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    "order": 43,
    "title": "哈欠"
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    "source": "assets/images/emoji/expression_49.png",
    "type": "image",
    "order": 44,
    "title": "鄙视"
  }, {
    "source": "assets/images/emoji/expression_50.png",
    "type": "image",
    "order": 45,
    "title": "委屈"
  }, {
    "source": "assets/images/emoji/expression_51.png",
    "type": "image",
    "order": 46,
    "title": "快哭了"
  }, {
    "source": "assets/images/emoji/expression_52.png",
    "type": "image",
    "order": 47,
    "title": "阴险"
  }, {
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    "title": "亲亲"
  }, {
    "source": "assets/images/emoji/expression_55.png",
    "type": "image",
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    "title": "可怜"
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    "type": "image",
    "order": 51,
    "title": "西瓜"
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    "source": "assets/images/emoji/expression_58.png",
    "type": "image",
    "order": 52,
    "title": "啤酒"
  }, {
    "source": "assets/images/emoji/expression_61.png",
    "type": "image",
    "order": 53,
    "title": "咖啡"
  }, {
    "source": "assets/images/emoji/expression_63.png",
    "type": "image",
    "order": 54,
    "title": "猪头"
  }, {
    "source": "assets/images/emoji/expression_64.png",
    "type": "image",
    "order": 55,
    "title": "玫瑰"
  }, {
    "source": "assets/images/emoji/expression_65.png",
    "type": "image",
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    "title": "凋谢"
  }, {
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  }, {
    "source": "assets/images/emoji/expression_67.png",
    "type": "image",
    "order": 58,
    "title": "爱心"
  }, {
    "source": "assets/images/emoji/expression_68.png",
    "type": "image",
    "order": 59,
    "title": "心碎"
  }, {
    "source": "assets/images/emoji/expression_69.png",
```

```
    "type": "image",
    "order": 60,
    "title": "蛋糕"
  }, {
    "source": "assets/images/emoji/expression_71.png",
    "type": "image",
    "order": 61,
    "title": "炸弹"
  }, {
    "source": "assets/images/emoji/expression_75.png",
    "type": "image",
    "order": 62,
    "title": "便便"
  }, {
    "source": "assets/images/emoji/expression_76.png",
    "type": "image",
    "order": 63,
    "title": "月亮"
  }, {
    "source": "assets/images/emoji/expression_77.png",
    "type": "image",
    "order": 64,
    "title": "太阳"
  }, {
    "source": "assets/images/emoji/expression_79.png",
    "type": "image",
    "order": 65,
    "title": "拥抱"
  }, {
    "source": "assets/images/emoji/expression_80.png",
    "type": "image",
    "order": 66,
    "title": "强"
  }, {
    "source": "assets/images/emoji/expression_81.png",
    "type": "image",
    "order": 67,
    "title": "弱"
  }, {
    "source": "assets/images/emoji/expression_82.png",
    "type": "image",
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    "title": "握手"
  }, {
    "source": "assets/images/emoji/expression_83.png",
    "type": "image",
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    "title": "胜利"
  }, {
```



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    "source": "assets/images/emoji/expression_84.png",
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    "title": "抱拳"
  }, {
    "source": "assets/images/emoji/expression_85.png",
    "type": "image",
    "order": 71,
    "title": "勾引"
  }, {
    "source": "assets/images/emoji/expression_86.png",
    "type": "image",
    "order": 72,
    "title": "拳头"
  }, {
    "source": "assets/images/emoji/expression_90.png",
    "type": "image",
    "order": 73,
    "title": "OK"
  }, {
    "source": "assets/images/emoji/expression_93.png",
    "type": "image",
    "order": 74,
    "title": "跳跳"
  }, {
    "source": "assets/images/emoji/expression_94.png",
    "type": "image",
    "order": 75,
    "title": "发抖"
  }, {
    "source": "assets/images/emoji/expression_95.png",
    "type": "image",
    "order": 76,
    "title": "呕火"
  }, {
    "source": "assets/images/emoji/expression_96.png",
    "type": "image",
    "order": 77,
    "title": "转圈"
  }, {
    "source": "assets/images/emoji/expression_97.png",
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    "order": 78,
    "title": "[]"
  }, {
    "source": "assets/images/emoji/expression_98.png",
    "type": "text",
    "order": 79,
    "title": "[]"
  }
```

```
}, {
  "source": "assets/images/emoji/expression_99.png",
  "type": "text",
  "order": 80,
  "title": "[]"
}, {
  "source": "assets/images/emoji/expression_101.png",
  "type": "text",
  "order": 81,
  "title": "[]"
}, {
  "source": "assets/images/emoji/expression_102.png",
  "type": "text",
  "order": 82,
  "title": "[]"
}, {
  "source": "assets/images/emoji/expression_103.png",
  "type": "text",
  "order": 83,
  "title": "[]"
}, {
  "source": "assets/images/emoji/expression_104.png",
  "type": "text",
  "order": 84,
  "title": "[]"
}, {
  "source": "assets/images/emoji/expression_105.png",
  "type": "text",
  "order": 85,
  "title": "[]"
}, {
  "source": "assets/images/emoji/expression_107.png",
  "type": "image",
  "order": 86,
  "title": "嘿哈"
}, {
  "source": "assets/images/emoji/expression_108.png",
  "type": "image",
  "order": 87,
  "title": "捂脸"
}, {
  "source": "assets/images/emoji/expression_106.png",
  "type": "image",
  "order": 88,
  "title": "奸笑"
}, {
  "source": "assets/images/emoji/expression_109.png",
  "type": "image",
  "order": 89,
```

```

    "title": "机智"
  }, {
    "source": "assets/images/emoji/expression_119.png",
    "type": "image",
    "order": 90,
    "title": "皱眉"
  }, {
    "source": "assets/images/emoji/expression_113.png",
    "type": "image",
    "order": 91,
    "title": "耶"
  }, {
    "source": "assets/images/emoji/expression_114.png",
    "type": "text",
    "order": 92,
    "title": "[]"
  }, {
    "source": "assets/images/emoji/expression_115.png",
    "type": "text",
    "order": 93,
    "title": "[]"
  }, {
    "source": "assets/images/emoji/expression_116.png",
    "type": "text",
    "order": 94,
    "title": "[]"
  }, {
    "source": "assets/images/emoji/expression_117.png",
    "type": "text",
    "order": 95,
    "title": "[]"
  }, {
    "source": "assets/images/emoji/expression_118.png",
    "type": "text",
    "order": 96,
    "title": "[]"
  }, {
    "source": "assets/images/emoji/expression_111.png",
    "type": "image",
    "order": 97,
    "title": "红包"
  }
], text = "[色][囡][鼓掌][惊恐]", host = "//static.notestore.cn/";

text = text.replace(/\\[([^\[]+)\]/ig, (match, index) => {
  let replaceStr = '';
  for (const series of emoji_list) {
    if (match === `[${series.title}]`) {
      replaceStr += `<span class="emoji_span"></span>`;
    }
  }
});

```

```

    }
  }
  return replaceStr === '' ? match : replaceStr
});

document.getElementById('emoji').innerHTML = text;

</script>
</html>

```

第二章_关键字高亮_02.mp4

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Title</title>
</head>

<body>
  <div id="search">第一章_js正则案例.mp4 种类□QuickTime 影片大小 : 88,163,042 字节 ( 磁盘上的 88.2
MB□ 创建时间 : 2019年3月20日 上午10:52 修改时间 : 2019年3月20日 星期三 上午11:01 持续时间: 03:24 第二章_表情替
换_01.mp4 种类□MPEG-4 影片大小 : 189,984,446 字节 ( 磁盘上的 190.5 MB□ 创建时间 : 2019年3月21日 星期四 下
午9:30 修改时间 : 2019年3月21日 星期四 下午9:51 持续时间: 07:56</div>
</body>

<script>
  let id = document.getElementById('search'),
      keyword = "4",
      search_text = id.innerHTML;

  var reg = new RegExp(keyword, "g");

  search_text = search_text.replace(reg, `

```

第一章_js正则案例.mp4

种类□MPEG-4 影片

大小：75,622,856 字节 (磁盘上的 84 MB□

创建时间：2019年3月23日 星期六 下午5:34

修改时间：2019年3月23日 星期六 下午5:39

持续时间: 03:17

第二章_表情替换_01.mp4

种类□MPEG-4 影片

大小：189,984,446 字节 (磁盘上的 190.5 MB□

创建时间：2019年3月21日 星期四 下午9:30

修改时间：2019年3月21日 星期四 下午9:51

持续时间: 07:56

第二章_关键字高亮_02.mp4

种类□MPEG-4 影片

大小：109,657,935 字节 (磁盘上的 117.6 MB□

创建时间：2019年3月22日 星期五 上午9:23

修改时间：2019年3月22日 星期五 上午9:30

持续时间: 04:26