



链滴

猿人学 (三) Webpack 初体验 - js 调试过程

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原文链接: <https://ld246.com/article/1620032365593>

来源网站: [链滴](#)

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地址: <http://match.yuanrenxue.com/match/16>

参考B站视频。B站有解析视频



通过接口, 找到代码的位置

接口地址: <http://match.yuanrenxue.com/api/match/16?page=2&m=dAd4i5nAPW2EdCTf7d6700a1da4c93eda8085862b8894eKd2P5MkhP8&t=1619875465000>

有三个参数:

- page 页码
- t 时间戳
- 参数m

```

9456     t.urYGN = e(516),
9457     t.OPLCh = e(493) + "失败。可能是触发了风控系统",
9458     t[e(528)] = function(e, t) {
9459         return e(t)
9460     }
9461
9462     t[e(520)] = e(511) + "age",
9463     t[e(513)] = e(519),
9464     t.DFOxl = "/api/match" + e(512),
9465     t.VkEce = e(495),
9466     t[e(503)] = e(505);
9467     var n = t;
9468     window.url = n[e(525)],
9469     p_s = Date[e(496)](new Date)[e(517)]();
9470
9471     var r = {};
9472     r[e(532)] = window[e(532)],
9473     Dr.m = n[e(528)](btoa, p_s),
9474     r.t = p_s;
9475     var i = r;
9476     $[e(531)]({
9477         url: window[e(529)],
9478         dataType: n[e(492)],
9479         async: !1,
9480         data: i,
9481         type: n.lqSKe,
9482         beforeSend: function(e) {},
9483         success: function(t) {
9484             var r = e;
9485             t = t[r(504)];
9486             let i = "";
9487             $[r(498)](t, function(e, t) {
9488                 var o = r;
9489                 i += n[o(530)](n[o(530)](n[o(515)], t[o(507)]), o(518))
9490             })
9491         }
9492     })

```

p_s = Date['parse'](new Date)['toString']()
=> Date.parse(new Date).toString()

p_s就是时间戳

就剩下一个 参数 m

```

9456     t.urYGN = e(516), t = {QJoBA: "<td>", urYGN: ".number", OPLCh: "因未知原因，数据拉取失败。可能是触发了风控系统",
9457     t.OPLCh = e(493) + "失败。可能是触发了风控系统",
9458     t[e(528)] = function(e, t) {
9459         return e(t)
9460     }
9461
9462     t[e(520)] = e(511) + "age", t = {QJoBA: "<td>", urYGN: ".number", OPLCh: "因未知原因，数据拉取失败。可能是触发
9463     t[e(513)] = e(519),
9464     t.DFOxl = "/api/match" + e(512),
9465     t.VkEce = e(495),
9466     t[e(503)] = e(505);
9467     var n = t; n = {QJoBA: "<td>", urYGN: ".number", OPLCh: "因未知原因，数据拉取失败。可能是触发了风控系统", dgZjE:
9468     window.url = n[e(525)], e = f(e,t)
9469     p_s = Date[e(496)](new Date)[e(517)]().
9470     var r = {}; r = {page: "1619875901000"
9471     r[e(532)] = window[e(532)], e = f(e,t)
9472     Dr.m = n[e(528)](btoa, p_s),
9473     r.t = p_s;
9474     var i = r;
9475     $[e(531)]({
9476         url: window[e(529)],

```

经过调试，n[e(528)] 解析之后，就是函数 t[e(528)]

传过去两个参数，btoa是自定义的函数，还有一个时间戳

在t[e(528)]函数中，其实返回的是 btoa(p_s)

```

129     }
130     window[bu(208)] = function(e) {
131         var t = u
132         r = {};
133         r.TGmSp = t(244) + "ARACTER_ERR",
134         r[t(238)] = t(224) + t(250) + "/",
135         r[t(205)] = "^[^ ]+( " + t(230) + t(259),
136         r.aYkvo = function(e) {
137             return e()
138         }
139
140         r[t(254)] = function(e, t) {
141             return e % t
142         }
143
144         r.evetF = function(e, t) {
145             return e >> t
146         }
147
148         r.GfTek = t(196),
149         r[t(260)] = function(e, t) {
150             return e << t
151         }
152         r[t(220)] = function(e, t) {

```

找到btoa函数

一步一步调试，将需要的函数单独放到一个js文件，手动调用结果

mark一下

1、

在调试过程中发现了几个很坑的地方。

```
9195     var i = r;
9196     if (/([\u0000-\u00ff]).test(e))
9197       throw new Error(i.TGmSp);
9198     for (var o, a, s, l = 0, c = []; l < e[t(261)]; ) {
9199       switch (a = e[t(237)](l),
9200             s = i.kukBH(l, 6)) {
9201         case 0:
9202           delete window,
9203           delete document,
9204           c[t(246)](f[t(245)](i[t(212)](a, 2)));
9205           break;
9206         case 1:
9207           try {
9208             "WhHm" === i[t(198)] || n.g.56 c[t(246)](f[t(245)](i.pHmC(2 & o, 3) | i.evetF(a, 4)))
9209           } catch (e) {
9210             c[t(246)](f[t(245)](i[t(229)](i.cVCcp(3 & o, 4), a >> 4)))
9211           }
9212           break;
9213         case 2:
9214           c[t(246)](f[t(245)](i[t(229)](i[t(242)](15 & o, 2), i.evetF(a, 6))),
9215           c[t(246)](f[t(245)](i[t(228)](a, 63)));
9216           break;
9217         case 3:
9218           c[t(246)](f[t(245)](i[t(212)](a, 3)));
9219           break;
9220         case 4:
9221           c.push(f[t(245)](i[t(229)](i[t(207)](i.0WUOc(o, 4), 6), i[t(212)](a, 6)));
9222           break;
9223         case 5:
9224           c[t(246)](f[t(245)](i[t(229)](i[t(207)](i[t(202)](o, 15), 4), a >> 8)),
9225           c.push(f.charAt(i[t(202)](a, 63)))
9226     }
```

比如这里，当你把所有的报错信息都解决了之后，能生成m参数，但是去请求接口的时候，提示参数验不对。

在try{} 中的代码，如果有某个函数不存在或发送异常，就会终止运行try中的代码，去运行catch中的码

然而catch中的代码是可以执行成功的

如果调试不细心，观察不仔细，就会遇到，虽然能获取到m参数，但是参数始终校验错误。

这里会找不到n函数，需要去找真正的n函数

2、

```
var a = [1, 2, 3]
let num = a.shift() // 弹出 第一个元素 1
a.push(num) // 在最后 填入一个元素,
a: [2, 3, 1]
```

如果这些函数不熟悉，会很难发现一些装着常量的list，在运行的时候用这些函数，来打乱元素的顺序

answer

调试之后，整理的js文件

```
function d(e) {
  // 限制i的作用域
  let i = 0;
```

```

let t = u;
let n = {};
n[t(214)] = function(e, t) {
  return e || t
}
,
n.bWcgB = function(e, t) {
  return e * t
}
,
n[t(227)] = "ABCDEFGHJK" + t(209) + "Zabcdefhij" + t(215) + "z2345678";
for (var r = n, o = "1|3|0|4|2|5"[t(188)]("|"), a = 0; ; ) {
  switch (o[a++]) {
    case "0":
      var s = l[t(261)];
      continue;
    case "1":
      e = r[t(214)](e, 32);
      continue;
    case "2":
      for (i = 0; i < e; i++)
        c += l[t(245)](Math[t(233)](r.bWcgB(Math.random(), s)));
      continue;
    case "3":
      var l = r[t(227)];
      continue;
    case "4":
      var c = "";
      continue;
    case "5":
      return c
  }
  break
}
}

```

```

var md5 = function(e) {
  // 顺序一定要对, 在debug运行中 hook
  let _0x4c28 = [
    "Rtsed",
    "SUrST",
    "nsaps",
    "vyNVU",
    "2|29|23|64",
    "0|43|57|4",
    "NNXUu",
    "nCrbn",
    "wQPIq",
    "XBcOb",
    "39|40|47|6",
    "ljkOt",
    "yMPhx",
    "TXzzv",
    "0123456789",
  ]

```

"fmdcS",
"iXQwu",
"grCxb",
"3|6|1|4|7|",
"wKeAM",
"lekey",
"opqrstuvwxyz",
"|7|17",
"BQgZQ",
"BtzmV",
"jZUA",
"HYhpy",
"Yvoqt",
"VyzBI",
"NNVlf",
"dbmfK",
"0|58|16|32",
"UAFHv",
"WNIsZ",
"2|1|4|3|5|",
"JFqRJ",
"zObVA",
"d24fb0d696",
"XfWkD",
"MFmWH",
"lZISZ",
"WzbFA",
"kaQID",
"3f7d28e17f",
"eSwEi",
"YpeFX",
"kZhzK",
"KxKle",
"LAIPf",
"LjyKQ",
"YLwOK",
"iqfMz",
"51|8|0|65|",
"JRihE",
"nqEyg",
"|37|22|27|",
"ZXsFi",
"goEwl",
"|31|63|48|",
"wvVCN",
"wnDIW",
"Myvqp",
"UlhBp",
"fwCDC",
"charAt",
"Lmhlz",
"WQCAS",
"UXeVn",
"KIXRL",

"HiEZt",
"WNzfT",
"INWda",
"tsNzQ",
"18|38|15|2",
"ucisR",
"wWwRM",
"LzcOo",
"yWGcu",
"PIAEw",
"ihcci",
"hBKtU",
"rvloG",
"xcQTI",
"uhJgH",
"vRqUp",
"EQEzR",
"abc",
"QgSUn",
"0|45|44|19",
"WMqBp",
"koePJ",
"jGSEC",
"IKbhW",
"wEOgn",
"|49|71|11|",
"xgzfr",
"ABCDEF",
"DdHPB",
"aFxD",
"sFtiw",
"concat",
"YhaCC",
"YVBwM",
"abYok",
"2|28|6|36|",
"NLOsy",
"bRLIN",
"xGAWc",
"length",
"zYRID",
"14|67|61|3",
"bolvy",
"pagBT",
"mdsJQ",
"4|69|41|26",
"kaXPV",
"IWxBE",
"pviAr",
"5|0|2",
"lvwPz",
"YcDFe",
"yGmJD",
"FcYqi",

```

"AAZoR",
"|46|5|3|50",
"PnITs",
"ABCDEFGHJIJ",
"charCodeAt",
"KLMNOPQRST",
"prrXX",
"FDiNG",
"split",
"oBesn",
"9|24|10|56",
"VaXsK",
"fromCharCo",
"FDfcp",
"rrdPR",
"HHkBN",
"89+/",
"mfuQZ",
"PbrnX",
"FcXlo",
"rNapo",
"fEXNi",
"qtIDJ",
"60|53|21|5"
];

let n = function(e, t) {
  return _0x4c28[e -= 0]
};
let t = n
, r = {
  fEXNi: function(e, t) {
    return e(t)
  },
  LzcOo: function(e, t, n) {
    return e(t, n)
  }
};
r[t(3)] = function(e, t) {
  return e(t)
}
,
r.wEOgn = function(e, t, n) {
  return e(t, n)
}
,
r[t(120)] = function(e, t, n) {
  return e(t, n)
}
,
r[t(69)] = function(e, t) {
  return e == t
}
,

```



```

r[t(109)] = function(e, t) {
  return e(t)
}
,
r[t(112)] = t(86),
r.oBesn = "900150983c" + t(37) + t(43) + "72",
r[t(70)] = t(18) + t(118),
r[t(16)] = function(e, t) {
  return e < t
}
,
r[t(2)] = t(110) + t(5) + t(133) + "|55|13|12|" + t(146) + t(114) + t(94) + "35|68|33|4" + t(104)
+ t(52) + t(73) + t(88) + t(55) + "25|34|1|2|" + t(10) + t(4) + t(124) + t(58) + "52|59|66|7" + t(3)
) + t(22),
r[t(53)] = function(e, t, n, r, i, o, a, s) {
  return e(t, n, r, i, o, a, s)
}
,
r[t(35)] = function(e, t) {
  return e + t
}
,
r[t(141)] = function(e, t, n, r, i, o, a, s) {
  return e(t, n, r, i, o, a, s)
}
,
r[t(91)] = function(e, t, n, r, i, o, a, s) {
  return e(t, n, r, i, o, a, s)
}
,
r[t(65)] = function(e, t) {
  return e + t
}
,
r[t(38)] = function(e, t, n, r, i, o, a, s) {
  return e(t, n, r, i, o, a, s)
}
,
r[t(19)] = function(e, t) {
  return e + t
}
,
r[t(117)] = function(e, t, n) {
  return e(t, n)
}
,
r[t(92)] = function(e, t) {
  return e + t
}
,
r[t(82)] = function(e, t) {
  return e + t
}
,

```

```
r[t(111)] = function(e, t, n) {
  return e(t, n)
}
',
r[t(78)] = function(e, t) {
  return e + t
}
',
r.lZISZ = function(e, t, n, r, i, o, a, s) {
  return e(t, n, r, i, o, a, s)
}
',
r.lekey = function(e, t, n, r, i, o, a, s) {
  return e(t, n, r, i, o, a, s)
}
',
r.AAZoR = function(e, t) {
  return e + t
}
',
r[t(67)] = function(e, t, n, r, i, o, a, s) {
  return e(t, n, r, i, o, a, s)
}
',
r.UlhBp = function(e, t) {
  return e + t
}
',
r.yMPhx = function(e, t, n, r, i, o, a, s) {
  return e(t, n, r, i, o, a, s)
}
',
r[t(138)] = function(e, t) {
  return e + t
}
',
r[t(121)] = function(e, t) {
  return e + t
}
',
r[t(98)] = function(e, t, n) {
  return e(t, n)
}
',
r.kHuTw = function(e, t, n, r, i, o, a, s) {
  return e(t, n, r, i, o, a, s)
}
',
r[t(50)] = function(e, t, n, r, i, o, a, s) {
  return e(t, n, r, i, o, a, s)
}
',
r[t(142)] = function(e, t, n, r, i, o, a, s) {
  return e(t, n, r, i, o, a, s)
}
```

```
}  
,  
r[t(87)] = function(e, t) {  
  return e + t  
}  
,  
r[t(90)] = function(e, t) {  
  return e + t  
}  
,  
r[t(59)] = function(e, t, n, r, i, o, a, s) {  
  return e(t, n, r, i, o, a, s)  
}  
,  
r[t(28)] = function(e, t) {  
  return e + t  
}  
,  
r[t(119)] = function(e, t) {  
  return e + t  
}  
,  
r.YpeFX = function(e, t) {  
  return e + t  
}  
,  
r[t(7)] = function(e, t, n, r, i, o, a, s) {  
  return e(t, n, r, i, o, a, s)  
}  
,  
r.prrXX = function(e, t) {  
  return e + t  
}  
,  
r.kaQID = function(e, t) {  
  return e + t  
}  
,  
r.qtIDJ = function(e, t, n, r, i, o, a, s) {  
  return e(t, n, r, i, o, a, s)  
}  
,  
r.xGAWc = function(e, t) {  
  return e + t  
}  
,  
r[t(134)] = function(e, t, n, r, i, o, a, s) {  
  return e(t, n, r, i, o, a, s)  
}  
,  
r[t(89)] = function(e, t) {  
  return e + t  
}  
,
```

```
r[t(15)] = function(e, t, n, r, i, o, a, s) {
  return e(t, n, r, i, o, a, s)
}
',
r[t(9)] = function(e, t) {
  return e + t
}
',
r[t(56)] = function(e, t) {
  return e + t
}
',
r[t(6)] = function(e, t, n, r, i, o, a, s) {
  return e(t, n, r, i, o, a, s)
}
',
r[t(32)] = function(e, t) {
  return e + t
}
',
r[t(99)] = function(e, t, n, r, i, o, a, s) {
  return e(t, n, r, i, o, a, s)
}
',
r[t(39)] = function(e, t) {
  return e + t
}
',
r[t(113)] = function(e, t, n, r, i, o, a, s) {
  return e(t, n, r, i, o, a, s)
}
',
r[t(106)] = function(e, t, n, r, i, o, a, s) {
  return e(t, n, r, i, o, a, s)
}
',
r[t(66)] = function(e, t, n, r, i, o, a, s) {
  return e(t, n, r, i, o, a, s)
}
',
r.TXzzv = function(e, t) {
  return e + t
}
',
r.NNVLf = function(e, t, n, r, i, o, a, s) {
  return e(t, n, r, i, o, a, s)
}
',
r[t(79)] = function(e, t) {
  return e + t
}
',
r[t(1)] = function(e, t, n, r, i, o, a, s) {
  return e(t, n, r, i, o, a, s)
}
```

```
}  
,  
r[t(81)] = function(e, t) {  
  return e + t  
}  
,  
r.MXnIN = function(e, t) {  
  return e >> t  
}  
,  
r[t(23)] = function(e, t) {  
  return e << t  
}  
,  
r.nqEyg = function(e, t) {  
  return e % t  
}  
,  
r.kaXPV = function(e, t) {  
  return e >>> t  
}  
,  
r[t(24)] = function(e, t, n) {  
  return e(t, n)  
}  
,  
r[t(44)] = function(e, t, n) {  
  return e(t, n)  
}  
,  
r[t(30)] = function(e, t, n) {  
  return e(t, n)  
}  
,  
r[t(143)] = function(e, t) {  
  return e | t  
}  
,  
r[t(101)] = function(e, t) {  
  return e & t  
}  
,  
r[t(122)] = function(e, t, n, r, i, o, a) {  
  return e(t, n, r, i, o, a)  
}  
,  
r.ZpUiH = function(e, t) {  
  return e & t  
}  
,  
r[t(72)] = function(e, t) {  
  return e ^ t  
}  
,
```

```
r[t(130)] = function(e, t) {
  return e ^ t
}
',
r[t(41)] = function(e, t) {
  return e | t
}
',
r[t(116)] = function(e, t) {
  return e > t
}
',
r[t(80)] = function(e, t) {
  return e(t)
}
',
r[t(33)] = function(e, t, n) {
  return e(t, n)
}
',
r[t(83)] = function(e, t) {
  return e(t)
}
',
r[t(60)] = function(e, t) {
  return e + t
}
',
r.FDfcp = function(e, t) {
  return e * t
}
',
r[t(95)] = function(e, t) {
  return e + t
}
',
r[t(51)] = function(e, t) {
  return e & t
}
',
r.DdHPB = function(e, t) {
  return e >> t
}
',
r.abYok = function(e, t) {
  return e | t
}
',
r[t(84)] = function(e, t) {
  return e << t
}
',
r[t(105)] = function(e, t) {
  return e & t
}
```

```
}  
,  
r[t(8)] = function(e, t) {  
  return e - t  
}  
,  
r[t(137)] = function(e) {  
  return e()  
}  
,  
r.YVBwM = function(e, t) {  
  return e << t  
}  
,  
r[t(27)] = function(e, t) {  
  return e & t  
}  
,  
r[t(26)] = function(e, t) {  
  return e / t  
}  
,  
r[t(74)] = function(e, t) {  
  return e * t  
}  
,  
r[t(49)] = t(14) + "abcdef",  
r[t(36)] = function(e, t) {  
  return e >> t  
}  
,  
r[t(46)] = function(e, t) {  
  return e + t  
}  
,  
r[t(75)] = function(e, t) {  
  return e >> t  
}  
,  
r[t(47)] = function(e, t) {  
  return e * t  
}  
,  
r[t(11)] = t(126) + t(128) + "UVWXYZabcdefghijklmn" + t(21) + "yz01234567" + t(139),  
r[t(63)] = function(e, t) {  
  return e * t  
}  
,  
r.KIXRL = function(e, t) {  
  return e << t  
}  
,  
r[t(57)] = function(e, t) {  
  return e % t  
}
```

```

}
,
r[t(77)] = function(e, t) {
  return e << t
}
,
r[t(71)] = function(e, t) {
  return e >> t
}
,
r.jZUAt = function(e, t) {
  return e >> t
}
,
r[t(48)] = function(e, t) {
  return e + t
}
,
r[t(17)] = function(e, t) {
  return e % t
}
,
r[t(85)] = function(e, t) {
  return e * t
}
,
r[t(61)] = function(e, t) {
  return e < t
}
,
r.mfuQZ = function(e, t) {
  return e + t
}
,
r[t(125)] = function(e, t) {
  return e * t
}
,
r[t(0)] = function(e, t) {
  return e(t)
}
;
var i = r;
function o(e, n) {
  for (var r = t, o = i.WNzfT[r(131)]("|"), a = 0; ; ) {
    switch (o[a++]) {
      case "0":
        for (var d = 0; i.iXQwu(d, e.length); d += 16)
          for (var p = i[r(2)][r(131)]("<"), h = 0; ; ) {
            switch (p[h++]) {
              case "0":
                w = i[r(53)](l, w, b, x, T, e[d + 2], 9, -51403784);
                continue;
              case "1":

```



```

    x = u(x, T, w, b, e[d + 6], 23, 76029189);
    continue;
case "2":
    b = i[r(53)](u, b, x, T, w, e[i.JFqRJ(d, 9)], 4, -640364487);
    continue;
case "3":
    T = i[r(141)](c, T, w, b, x, e[d + 10], 15, -1051523);
    continue;
case "4":
    T = s(T, w, b, x, e[i.JFqRJ(d, 2)], 17, 606105819);
    continue;
case "5":
    w = i[r(91)](c, w, b, x, T, e[i[r(65)](d, 3)], 10, -1894446606);
    continue;
case "6":
    w = i.XfWkD(l, w, b, x, T, e[i.wKeAM(d, 14)], 9, -1019803690);
    continue;
case "7":
    T = i.pviAr(f, T, v);
    continue;
case "8":
    b = i.XfWkD(l, b, x, T, w, e[i[r(92)](d, 13)], 5, -1444681467);
    continue;
case "9":
    x = i[r(38)](s, x, T, w, b, e[i[r(82)](d, 3)], 22, -1044525330);
    continue;
case "10":
    w = s(w, b, x, T, e[i[r(82)](d, 5)], 12, 1200080426);
    continue;
case "11":
    x = i[r(38)](l, x, T, w, b, e[i[r(82)](d, 0)], 20, -373897302);
    continue;
case "12":
    w = i[r(38)](s, w, b, x, T, e[i[r(82)](d, 9)], 12, -1958435417);
    continue;
case "13":
    b = i.XfWkD(s, b, x, T, w, e[i.xcQTI(d, 8)], 7, 1770035416);
    continue;
case "14":
    var m = b;
    continue;
case "15":
    w = i[r(38)](u, w, b, x, T, e[i.xcQTI(d, 8)], 11, -2022574463);
    continue;
case "16":
    b = f(b, m);
    continue;
case "17":
    w = i[r(111)](f, w, g);
    continue;
case "18":
    x = l(x, T, w, b, e[i[r(78)](d, 12)], 20, -1921207734);
    continue;
case "19":

```

```
w = i[r(40)](u, w, b, x, T, e[d + 4], 11, 1272893353);
  continue;
case "20":
  T = i[r(20)](u, T, w, b, x, e[i.PIAEw(d, 11)], 16, 1839030562);
  continue;
case "21":
  b = s(b, x, T, w, e[i[r(123)](d, 12)], 7, 1804550682);
  continue;
case "22":
  x = u(x, T, w, b, e[i[r(123)](d, 10)], 23, -1094730640);
  continue;
case "23":
  T = i[r(67)](c, T, w, b, x, e[d + 14], 15, -1416354905);
  continue;
case "24":
  b = s(b, x, T, w, e[i[r(123)](d, 4)], 7, -176418897);
  continue;
case "25":
  w = i.UXeVn(u, w, b, x, T, e[d + 0], 11, -358537222);
  continue;
case "26":
  b = i.UXeVn(l, b, x, T, w, e[i[r(62)](d, 1)], 5, -165796510);
  continue;
case "27":
  b = i.UXeVn(u, b, x, T, w, e[i[r(62)](d, 13)], 4, 681279174);
  continue;
case "28":
  b = i[r(12)](l, b, x, T, w, e[i[r(138)](d, 9)], 5, 568446438);
  continue;
case "29":
  w = i.yMPHx(c, w, b, x, T, e[d + 7], 10, 11261161415);
  continue;
case "30":
  var g = w;
  continue;
case "31":
  b = c(b, x, T, w, e[i.yGmJD(d, 8)], 6, 1873313359);
  continue;
case "32":
  x = i.aFxRD(f, x, y);
  continue;
case "33":
  T = i[r(12)](l, T, w, b, x, e[i[r(121)](d, 15)], 14, -660478335);
  continue;
case "34":
  T = i.kHuTw(u, T, w, b, x, e[d + 3], 16, -722881979);
  continue;
case "35":
  b = i[r(50)](l, b, x, T, w, e[i[r(121)](d, 5)], 5, -701520691);
  continue;
case "36":
  T = l(T, w, b, x, e[i[r(121)](d, 3)], 14, -187363961);
  continue;
case "37":
```

```
T = i[r(142)](u, T, w, b, x, e[i.QgSUn(d, 7)], 16, -155497632);
  continue;
case "38":
  b = i.FcXlo(u, b, x, T, w, e[i.koePJ(d, 5)], 4, -378558);
  continue;
case "39":
  w = i[r(142)](u, w, b, x, T, e[i[r(90)](d, 12)], 11, -421815835);
  continue;
case "40":
  T = i[r(59)](u, T, w, b, x, e[i[r(28)](d, 15)], 16, 530742520);
  continue;
case "41":
  x = i.wvVCN(s, x, T, w, b, e[d + 15], 22, 1236531029);
  continue;
case "42":
  x = i[r(59)](l, x, T, w, b, e[i[r(119)](d, 4)], 20, -405537848);
  continue;
case "43":
  b = i[r(59)](s, b, x, T, w, e[i.lvwPz(d, 0)], 7, -680976936);
  continue;
case "44":
  b = i[r(59)](u, b, x, T, w, e[i[r(45)](d, 1)], 4, -1530992060);
  continue;
case "45":
  x = i.nCrbn(u, x, T, w, b, e[i[r(129)](d, 14)], 23, -35311556);
  continue;
case "46":
  b = c(b, x, T, w, e[i[r(42)](d, 12)], 6, 1700485571);
  continue;
case "47":
  x = i[r(7)](u, x, T, w, b, e[i.kaQID(d, 2)], 23, -995338651);
  continue;
case "48":
  T = c(T, w, b, x, e[d + 6], 15, -1560198380);
  continue;
case "49":
  w = i[r(145)](l, w, b, x, T, e[i[r(107)](d, 6)], 9, -1069501632);
  continue;
case "50":
  x = i[r(134)](c, x, T, w, b, e[i[r(89)](d, 1)], 21, -2054922799);
  continue;
case "51":
  x = i.fmdcS(l, x, T, w, b, e[d + 8], 20, 1163531501);
  continue;
case "52":
  x = i[r(15)](c, x, T, w, b, e[i[r(9)](d, 13)], 21, 1309151649);
  continue;
case "53":
  x = i[r(15)](s, x, T, w, b, e[i[r(56)](d, 11)], 22, -1990404162);
  continue;
case "54":
  w = i[r(6)](s, w, b, x, T, e[i[r(32)](d, 13)], 12, -40341101);
  continue;
case "55":
```

```

    x = i.sFtiw(s, x, T, w, b, e[i.UAFHv(d, 7)], 22, -45705983);
    continue;
case "56":
    T = i.sFtiw(s, T, w, b, x, e[i.MFmWH(d, 6)], 17, -1473231341);
    continue;
case "57":
    w = i[r(99)](s, w, b, x, T, e[i.MFmWH(d, 1)], 12, -389564586);
    continue;
case "58":
    x = c(x, T, w, b, e[i[r(39)](d, 9)], 21, -343485551);
    continue;
case "59":
    b = i[r(113)](c, b, x, T, w, e[i[r(39)](d, 4)], 6, -145523070);
    continue;
case "60":
    T = i.bRLIN(s, T, w, b, x, e[i[r(39)](d, 10)], 17, -42063);
    continue;
case "61":
    var v = T;
    continue;
case "62":
    b = i[r(66)](c, b, x, T, w, e[d + 0], 6, -198630844);
    continue;
case "63":
    w = i[r(66)](c, w, b, x, T, e[i[r(13)](d, 15)], 10, -30611744);
    continue;
case "64":
    x = c(x, T, w, b, e[d + 5], 21, -57434055);
    continue;
case "65":
    T = i[r(29)](l, T, w, b, x, e[i[r(13)](d, 7)], 14, 1735328473);
    continue;
case "66":
    w = i[r(29)](c, w, b, x, T, e[i[r(79)](d, 11)], 10, -1120210379);
    continue;
case "67":
    var y = x;
    continue;
case "68":
    w = i[r(1)](l, w, b, x, T, e[d + 10], 9, 38016083);
    continue;
case "69":
    T = i[r(1)](s, T, w, b, x, e[i[r(79)](d, 14)], 17, -1502002290);
    continue;
case "70":
    T = i.SUrST(c, T, w, b, x, e[i[r(79)](d, 2)], 15, 718787259);
    continue;
case "71":
    T = l(T, w, b, x, e[i[r(81)](d, 11)], 14, 643717713);
    continue;
}
break
}
continue;

```

```

    case "1":
      var b = 1732584193;
      continue;
    case "2":
      return Array(b, x, T, w);
    case "3":
      e[i.MXnIN(n, 5)] |= i[r(23)](128, i[r(54)](n, 32));
      continue;
    case "4":
      var x = -271733879;
      continue;
    case "5":
      var w = 271733878;
      continue;
    case "6":
      e[i.BQgZQ(i[r(115)](n + 64, 9), 4) + 14] = n;
      continue;
    case "7":
      var T = -1732584194;
      continue;
  }
  break;
}
}
function a(e, n, r, o, a, s) {
  var l = t;
  return f(i.BtzmV(d, i[l(44)](f, i.dbmfK(f, n, e), i[l(30)](f, o, s)), a), r)
}
function s(e, n, r, o, s, l, u) {
  var c = t;
  return a(i[c(143)](i[c(101)](n, r), i[c(101)](~n, o)), e, n, s, l, u)
}
function l(e, n, r, o, s, l, u) {
  var c = t;
  return i[c(122)](a, i[c(143)](i.ZpUiH(n, o), i.ZpUiH(r, ~o)), e, n, s, l, u)
}
function u(e, n, r, o, s, l, u) {
  return i[t(122)](a, i.tsNzQ(n ^ r, o), e, n, s, l, u)
}
function c(e, n, r, o, s, l, u) {
  var c = t;
  return i[c(122)](a, i[c(130)](r, i[c(41)](n, ~o)), e, n, s, l, u)
}
function f(e, n) {
  var r = t
  , o = i[r(95)](65535 & e, i.iqfMz(n, 65535))
  , a = i[r(95)](e >> 16, i[r(97)](n, 16)) + i[r(97)](o, 16);
  return i[r(103)](i[r(84)](a, 16), i[r(105)](o, 65535))
}
function d(e, n) {
  var r = t;
  return i.abYok(e << n, e >>> i[r(8)](32, n))
}
function p(e) {

```

```

    for (var n = t, r = i[n(137)](Array), o = i[n(8)](i.vRqUp(1, 16), 1), a = 0; a < i.FDfcp(e[n(108)]
16); a += 16)
        r[i[n(97)](a, 5)] |= i[n(102)](i[n(27)](e[n(127)](i[n(26)](a, 16)), o), i[n(54)](a, 32));
    return r
}
function h(e) {
    for (var n = t, r = i[n(49)], o = "", a = 0; i.iXQwu(a, i[n(74)](e[n(108)], 4)); a++)
        o += i.xgzfr(r[n(64)](15 & i[n(36)](e[i[n(36)](a, 2)], i[n(46)](i[n(74)](a % 4, 8), 4))), r[n(64)]
15 & i.wWwRM(e[a >> 2], i[n(47)](a % 4, 8)));
    return o
}
return i[t(0)]((function(e) {
    var n = t;
    return i[n(144)](h, i[n(76)](o, i.vyNVU(p, e), 16 * e[n(108)]))
})
), e)
};

```

```
var btoa = function(e) {
```

```

    // let _0x34e7 = ["AqLWq", "0zyxwvutsr", "TKgNw", "eMnqD", "thjlz", "btoa", "MNPQRSTW
Y", "oPsqh", "nillq", "evetF", "LVZVH", "fYWEX", "kmnprstwxy", "aYkvo", "tsrqpomnlk", "HfLqY",
"aQCDK", "lGBLj", "test", "3210zyxwvu", "QWK2Fi", 'return /" ', "hsJtK", "jdwco", "SIFsj", "OWU
c", "LCaAn", "[^ ]+)+)+[", "FAVYf", "2Fi+987654", "floor", "join", "EuwBW", "OXYrZ", "charCod
At", "SkkHG", "iYUjr", "GwoYF", "kPdGe", "cVCcp", "INQRH", "INVALID_CH", "charAt", "push", "
pply", "lalCJ", "kTcRS", '+ this + ', "ykpOn", "gLnjm", "gmBaq", "kukBH", "dvEWE", "SFkLi", "^(
^ ]+( +", "qpomnlkjih", "^ }]", "pHtmC", "length", "split", "ABHICESQWK", "FKByN", "U987654
21", "lmHcG", "dICfr", "Szksx", "Bgrij", "iwnNJ", "jihgfdecba", "GfTek", "gfdecbaZXY", "construc
o", "QloXW", "jLRMs"];

```

// 直接在 复制原网页的, 和 运行时 查到的 顺序不一样。

```

let _0x34e7 = [
    "split",
    "ABHICESQWK",
    "FKByN",
    "U987654321",
    "lmHcG",
    "dICfr",
    "Szksx",
    "Bgrij",
    "iwnNJ",
    "jihgfdecba",
    "GfTek",
    "gfdecbaZXY",
    "constructo",
    "QloXW",
    "jLRMs",
    "AqLWq",
    "0zyxwvutsr",
    "TKgNw",
    "eMnqD",
    "thjlz",
    "btoa",
    "MNPQRSTWXY",

```

```
"oPsqh",
"nillq",
"evetF",
"LVZVH",
"fYWEX",
"kmnprstwxy",
"aYkvo",
"tsrqpomnlk",
"HfLqY",
"aQCDK",
"IGBLj",
"test",
"3210zyxwvu",
"QWK2Fi",
"return ^" ",
"hsJtK",
"jdwco",
"SIFsj",
"OWUOc",
"LCaAn",
"[^ ]+)+)+[",
"FAVYf",
"2Fi+987654",
"floor",
"join",
"EuwBW",
"OXYrZ",
"charCodeAt",
"SkkHG",
"iYuJr",
"GwoYF",
"kPdGe",
"vCcP",
"INQRH",
"INVALID_CH",
"charAt",
"push",
"apply",
"lalCJ",
"kTcRS",
"+ this + \"",
"ykpOn",
"gLnm",
"gmBaq",
"kukBH",
"dvEWE",
"SFkLi",
"^[^ ]+( +",
"qpomnlkjih",
"^[ ]}",
"pHtmC",
"length"
];
var l = function(e, t) {
```

```

    return _0x34e7[e -= 188]
}
let u = l;
var t = u
, r = {};
r.TGmSp = t(244) + "ARACTER_ERR",
r[t(238)] = t(224) + t(250) + "/",
r[t(205)] = "^[^ ]+( +)" + t(230) + t(259),
r.aYkvo = function(e) {
    return e()
}
,
r[t(254)] = function(e, t) {
    return e % t
}
,
r.evetF = function(e, t) {
    return e >> t
}
,
r.GfTek = t(196),
r[t(260)] = function(e, t) {
    return e << t
}
,
r[t(229)] = function(e, t) {
    return e | t
}
,
r[t(242)] = function(e, t) {
    return e << t
}
,
r[t(228)] = function(e, t) {
    return e & t
}
,
r[t(207)] = function(e, t) {
    return e << t
}
,
r[t(202)] = function(e, t) {
    return e & t
}
,
r.jdwcO = function(e, t) {
    return e === t
}
,
r.kPdGe = t(231),
r[t(195)] = t(213),
r[t(201)] = function(e, t) {
    return e & t
}
}

```



```

',
r[t(206)] = function(e, t) {
  return e == t
}
',
r[t(219)] = function(e, t) {
  return e + t
}
',
r[t(220)] = function(e, t) {
  return e(t)
}
;

var i = r;
if (/([\u0000-\u00ff])/test(e))
  throw new Error(i.TGmSp);
  // 这里手动定义
  let f = "U9876543210zyxwvutsrqpomnlkjihgfdecbaZXYWVUTSRQPONABHICESQWK
Fi+9876543210zyxwvutsrqpomnlkjihgfdecbaZXYWVUTSRQPONABHICESQWK2Fi";

for (var o, a, s, l = 0, c = []; l < e[t(261)]; ) {

  switch (a = e[t(237)](l),
s = i.kukBH(l, 6)) {
  case 0:
    delete window,
    delete document,
    // f 未定义, 调试出f 是个固定值
    c[t(246)](f[t(245)](i[t(212)](a, 2)));
    break;
  case 1:
    // "WhHMm" === i[t(198)] || n.g && c[t(246)](f[t(245)](i.pHtmC(2 & o, 3) | i.evetF(a, 4))

function n(r) {
  if (t[r])
    return t[r].exports;
  var i = t[r] = {
    exports: {}
  };
  return e[r].call(i.exports, i, i.exports, n),
  i.exports
}
n.g = function() {
  if ("object" === typeof globalThis)
    return globalThis;
  try {
    return this || new Function("return this")()
  } catch (e) {
    if ("object" === typeof window)

```

```

        return window
    }
}()
/**
 * 这里function n 函数，这里 设了一个坑
 * 如果这里没有定义n函数，就会发生异常。这里会走catch中的代码，最后也能得到结果
 *
 */
try {
    "WhHMm" === i[t(198)] || n.g && c[t(246)](f[t(245)](i.pHtmC(2 & o, 3) | i.evetF(a, 4))

    } catch (e) {
        c[t(246)](f[t(245)](i[t(229)](i.cVCcp(3 & o, 4), a >> 4)))
    }
    break;
case 2:
    c[t(246)](f[t(245)](i[t(229)](i[t(242)](15 & o, 2), i.evetF(a, 6))),
    c[t(246)](f[t(245)](i[t(228)](a, 63)));
    break;
case 3:
    c[t(246)](f[t(245)](i[t(212)](a, 3)));
    break;
case 4:
    c.push(f[t(245)](i[t(229)](i[t(207)](i.OWUOc(o, 4), 6), i[t(212)](a, 6))));
    break;
case 5:
    c[t(246)](f[t(245)](i[t(229)](i[t(207)](i[t(202)](o, 15), 4), a >> 8))),
    c.push(f.charAt(i[t(202)](a, 63)))
}
o = a,
l++
}

function d(e) {
    // 限制一下i的作用域
    let i = 0;
    let t = u
    , n = {};
    n[t(214)] = function(e, t) {
        return e || t
    }
    ,
    n.bWcgB = function(e, t) {
        return e * t
    }
    ,
    n[t(227)] = "ABCDEFGHJK" + t(209) + "Zabcdefhij" + t(215) + "z2345678";
    for (var r = n, o = "1|3|0|4|2|5"[t(188)]("|"), a = 0; ; ) {
        switch (o[a++]) {
            case "0":
                var s = l[t(261)];
                continue;
            case "1":

```

```

        e = r[t(214)](e, 32);
        continue;
    case "2":
        for (i = 0; i < e; i++)
            c += l[t(245)](Math[t(233)](r.bWcgB(Math.random(), s)));
        continue;
    case "3":
        var l = r[t(227)];
        continue;
    case "4":
        var c = "";
        continue;
    case "5":
        return c
    }
    break
}
};

return 0 == s ? i[t(226)](i[t(241)], i[t(195)]) || (c[t(246)](f[t(245)](i[t(201)](o, 3) << 4)),
c.push("FM")) : i.eMnqD(s, 1) && (c[t(246)](f[t(245)]((15 & o) << 2)),
c[t(246)]("K")),
i[t(219)](i.aQCDK(d(15), md5(c[t(234)](""))), i[t(220)](d, 10))
}

function get_enc_m() {
    let t = Date['parse'](new Date)['toString']();
    console.log(t)
    let m = btoa(t)
    return [t,m];
}

// let m = get_enc_m()
// console.log(m)

```

python 代码

```

import requests
import execjs

js_path = "/Users/gitsilence/PycharmProjects/pythonProject/douyin-janalysis/src/html/yuanrenxue-webpack.js"
url = "http://match.yuanrenxue.com/api/match/16?page=%s&m=%s&t=%s"
headers = {
    "User-Agent": "Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/90.0.4430.85 Safari/537.36",
}

if __name__ == '__main__':
    with open(js_path, 'r') as f:
        js = f.read()

```

```
[t, m] = execjs.compile(js).call('get_enc_m')
print([t, m])
url = url % (1, m, t)
print(url)
res = requests.get(url, headers=headers)
print(res.text)
pass
```