

```

1 void multi_getaddrinfo(
2     int n, const char **nodes, const char **services,
3     const struct addrinfo *hints,
4     struct addrinfo **ress, int max_concur )
5 {
6     int requested = 0;
7     max_concur = max_concur < 1 ? default : max_concur;
8     activity_t acts[ max_concur ];
9     for( int i = 0; i < max_concur; ++i ) {
10         activate[ &acts[i] ]() {
11             while( requested < n ) {
12                 int idx = requested;
13                 requested++;
14                 int rc = getaddrinfo(
15                     nodes[ idx ], services[ idx ],
16                     hints, ress[ idx ] );
17                 if( rc != 0 )
18                     ress[ idx ] = NULL;
19             }
20         }
21     }
22     for( int i = 0; i < max_concur; ++i ) {
23         activity_wait( acts[i] );
24     }
25 }

```