

```

1 void multi_getaddrinfo(
2     const char **nodes, const char **services,
3     const struct addrinfo *hints,
4     struct addrinfo **ress, int n, int max_conc )
5 {
6     int requested = 0;
7     activity_t acts[ max_concur ];
8     for( int i = 0; i < max_concur; ++i ) {
9         activate[ &acts[i] ]( i ) {
10             while( requested < n ) {
11                 int idx = requested++;
12                 printf( "activity %i lookup %s\n",
13                     i, nodes[ idx ] );
14                 int rc = getaddrinfo(
15                     nodes[ idx ], services[ idx ],
16                     hints, ress[ idx ] );
17                 if( rc ) ress[ idx ] = NULL;
18             } } }
19     for( int i = 0; i < max_concur; ++i )
20         activity_wait( &acts[i] );
21 }

```