```
 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 }
```