




```
static void PMKResolve(PMKPromise *this, id result) {
    void (^set)(id) = ^(id r){
        NSArray *handlers = PMKSetResult(this, r);
        for (void (^handler)(id) in handlers)
            handler(r);
    };

    if (IsPromise(result)) {
        PMKPromise *next = result;
        dispatch_barrier_sync(next->_promiseQueue, ^{
            id nextResult = next->_result;

            if (nextResult == nil) { // ie. pending
                [next->_handlers addObject:^(id o){
                    PMKResolve(this, o);
                }];
            } else
                set(nextResult);
        });
    } else
        set(result);
}
```


