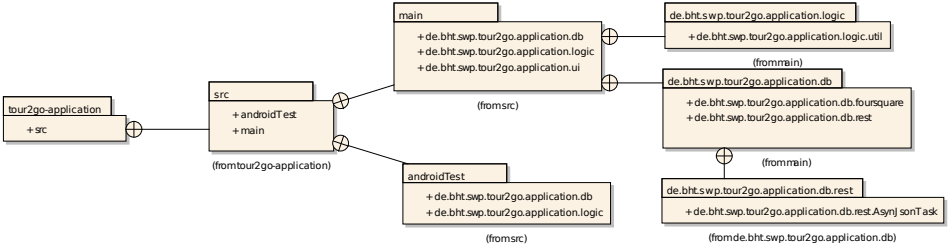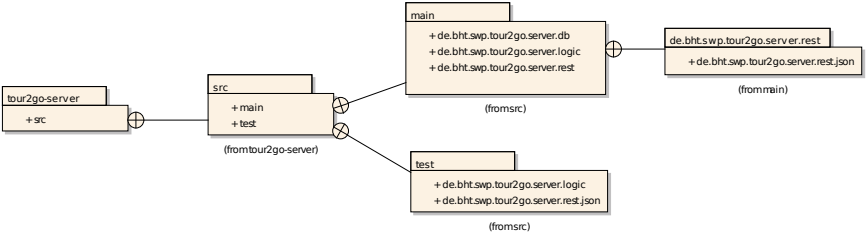cmp Package Model