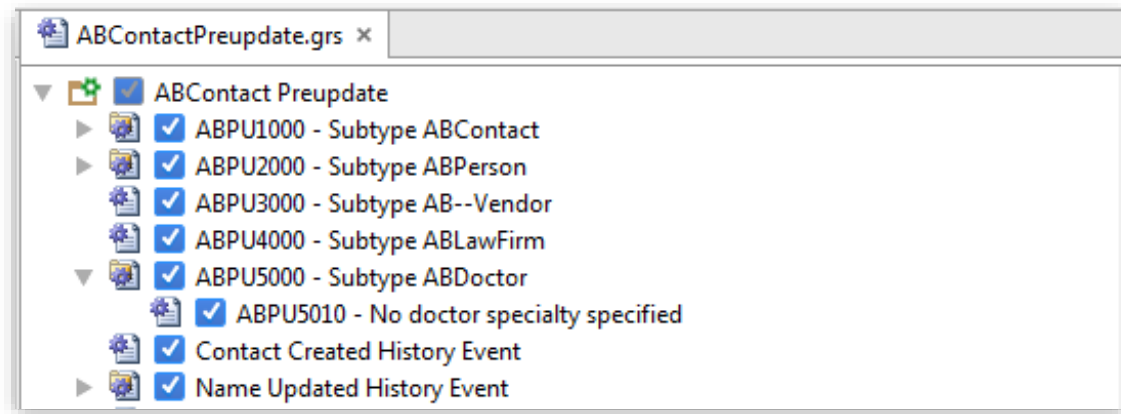# Solution 2

Note: You could also use two rules (parent-child) to implement this requirement. Recall the benefit of this is that the children can share the parent rule's condition, so we don't have to duplicate it.

1. **Specify the sections of the parent rule:**

Note: You also have the option to copy and paste it from below. However, it is recommended that you type the code in based on the screenshot.

Important: please make sure that you copy and paste the sections individually without the parts highlighted in dark gray.

```
USES:

CONDITION (aBContact : entity.ABContact):
        return aBContact typeis ABDoctor
        ACTION (aBContact : entity.ABContact, actions : gw.rules.Action):
// This rule is used simply to gather all ABContact rules together.
// No action needed

END
```

2. Then Specify the sections of the child rule:

```
USES:

uses gw.api.util.DateUtil

CONDITION (aBContact : entity.ABContact):
// Note that in this case the typecast is required because
// the typeis operator is not in the same condition section anymore
return (aBContact as ABDoctor).DoctorSpecialty == null
ACTION (aBContact : entity.ABContact, actions : gw.rules.Action):

    var aFlagEntry = new FlagEntry()
    aFlagEntry.FlagDate = DateUtil.currentDate()
    aFlagEntry.Reason = FlagEntryReason.TC_DOCTOR_SPECIALTY_UNSPECIFIED

    aBContact.addToFlagEntries(aFlagEntry)

END
```

Note: You also have the option to copy and paste it from below. However, it is recommended that you type the code in based on the screenshot.

Important: please make sure that you copy and paste the sections individually without the parts highlighted in dark gray.

```
USES:

uses gw.api.util.DateUtil

CONDITION (aBContact : entity.ABContact):
// Note that in this case the typecast is required because
// the typeis operator is not in the same condition section anymore
return (aBContact as ABDoctor).DoctorSpecialty == null

ACTION (aBContact : entity.ABContact, actions : gw.rules.Action):

    var aFlagEntry = new FlagEntry()
    aFlagEntry.FlagDate = DateUtil.currentDate()
    aFlagEntry.Reason = FlagEntryReason.TC_DOCTOR_SPECIALTY_UNSPECIFIED

    aBContact.addToFlagEntries(aFlagEntry)

END
```