RELATIONS:

* Wife
* Husband
* Mother
* Father
* Daughter
* Son
* Sister
* Brother
* Grandmother
* Grandfather
* Granddaughter
* Grandson
* Mother-in-law
* Father-in-law
* Daughter-in-law
* Son-in-law
* Sister-in-law
* Brother-in-law
* Aunt
* Uncle
* Niece
* Nephew
* Cousin

My idea is to look for these relations between characters in short stories. I considered just family relations that are most usual. I tried to make general concept and if set is too large, we can drop some of relations.

FORMALIZATION OF REALTIONS

In this part I tried to kind of formalize the relations. Path goes from character to another character in specific relation. For instance, let’s look at the relation mother. Female character can be directly connected to another female character with relation mother. The second character is her daughter. And same character (mother) can be directly connected to another male character t.i. son. But on the other hand, we can also connect another female character with realtino mother thru relation father. For instance, if we know that female character A in daughter of male character B, and male character B in husband of female character C, we can assume that character A is daughter of character C.

I know that formalization is not perfect, but I tried not to complicate model.

RELATION WIFE

Character (female) -> husband

REALTION HUSBAND

Character (male) -> wife

RELATION MOTHER

Character (female) -> daughter

Character (female) -> son

Character (female) -> husband -> daughter

Character (female) -> husband -> son

RELATION FATHER

Character (male) -> daughter

Character (male) -> son

Character (male) -> wife -> daughter

Character (male) -> wife -> son

RELATION DAUGHTER

Character (female) -> mother

Character (female) -> father

Character (female) -> sister ->mother

Character (female) -> sister ->father

Character (female) -> brother -> mother

Character (female) -> brother -> father

RELATION SON

Character (male) -> mother

Character (male) -> father

Character (male) -> sister ->mother

Character (male) -> sister ->father

Character (male) -> brother -> mother

Character (male) -> brother -> father

RELATION SISTER

Character (female) -> brother

Character (female) -> sister

Character (female) -> mother -> daughter (not the same character)

Character (female) -> mother -> brother

Character (female) -> father -> daughter (not the same character)

Character (female) -> father -> brother

RELATION BROTHER

Character (male) -> brother

Character (male) -> sister

Character (male) -> mother -> daughter

Character (male) -> mother -> brother (not the same character)

Character (male) -> father -> daughter

Character (male) -> father -> brother (not the same character)

RELATION GRANDMOTHER

Character (female) -> granddaughter

Character (female) -> grandson

Character (female) -> daughter -> daughter

Character (female) -> daughter -> son

Character (female) -> son -> daughter

Character (female) -> son -> son

RELATION GRANDFATHER

Character (male) -> granddaughter

Character (male) -> grandson

Character (male) -> daughter -> daughter

Character (male) -> daughter -> son

Character (male) -> son -> daughter

Character (male) -> son -> son

RELATION GRADNDAUGHTER

Character (female) -> grandmother

Character (female) -> grandfather

Character (female) -> mother -> mother

Character (female) -> mother -> father

Character (female) -> father -> mother

Character (female) -> father -> father

RELATION GRANDSON

Character (male) -> grandmother

Character (male) -> grandfather

Character (male) -> mother -> mother

Character (male) -> mother -> father

Character (male) -> father -> mother

Character (male) -> father -> father

RELATION MOTHER-IN-LAW

Character (female) -> daughter-in-law

Character (female) -> son-in-law

Character (female) -> son -> wife

Character (female) -> daughter -> husband

RELATION FATHER-IN-LAW

Character (male) -> daughter-in-law

Character (male) -> son-in-law

Character (male) -> son -> wife

Character (male) -> daughter -> husband

RELATION DAUGHTER-IN-LAW

Character (female) -> mother-in-law

Character (female) -> father-in-law

Character (female) -> husband -> mother

Character (female) -> husband -> father

RELATION SON-IN-LAW

Character (male) -> mother-in-law

Character (male) -> father-in-law

Character (male) -> wife -> mother

Character (male) -> wife -> father

RELATION SISTER-IN-LAW

Character (female) -> husband -> sister

Character (female) -> husband -> brother

Character (female) -> sister-in-law (not the same character)

Character (female) -> brother-in-law

RELATION BROTHER-IN-LAW

Character (male) -> husband -> sister

Character (male) -> husband -> brother

Character (male) -> sister-in-law

Character (male) -> brother-in-law (not the same character)

RELATINON AUNT

Character (female) -> niece

Character (female) -> nephew

Character (female) -> sister -> daughter

Character (female) -> sister -> son

Character (female) -> brother -> daughter

Character (female) -> brother -> son

RELATION UNCLE

Character (male) -> niece

Character (male) -> nephew

Character (male) -> sister -> daughter

Character (male) -> sister -> son

Character (male) -> brother -> daughter

Character (male) -> brother -> son

RELATION NIECE

Character (female) -> aunt

Character (female) -> uncle

Character (female) -> mother -> sister

Character (female) -> mother -> brother

Character (female) -> father -> sister

Character (female) -> father -> brother

RELATION NEPHEW

Character (male) -> aunt

Character (male) -> uncle

Character (male) -> mother -> sister

Character (male) -> mother -> brother

Character (male) -> father -> sister

Character (male) -> father -> brother

RELATION COUSIN

Character (male/female) -> cousin (not the same character)

Character (male/female) -> mother -> sister -> daughter

Character (male/female) -> mother -> sister -> son

Character (male/female) -> mother -> brother -> daughter

Character (male/female) -> mother -> brother -> son

Character (male/female) -> father -> sister -> daughter

Character (male/female) -> father -> sister -> son

Character (male/female) -> father -> brother -> daughter

Character (male/female) -> father -> brother -> son