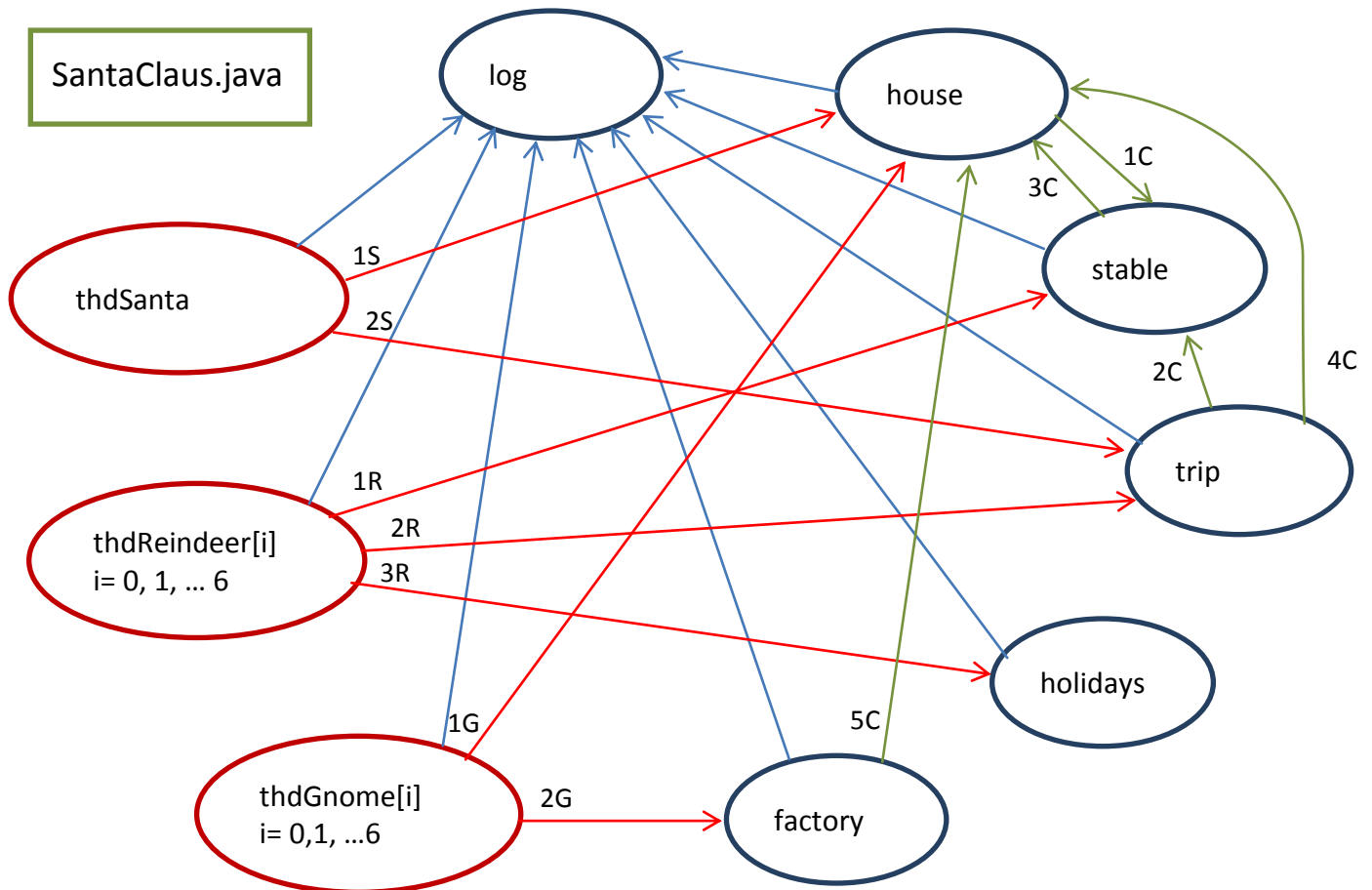


## Diagrama do Problema *SantaClaus* – Grupo 08



### Legenda:

**Classmain**—A classe `main` instancia todas as outras classes, cria os Semáforos e lança as Threads.

**linhas azuis do log**—o `log` é instanciado em todos os Semáforos e Threads.

**1S**- `goToSleepSanta()`, `openDoor()`, `inviteIn()`, `listenGnomes()`, `sayGoodbye()`,

**2S**- `harnessReindeers()`, `travelAround()`, `goHome()`

**1R**- `goBackToStable(idReindeer)`

**2R**- `groupAtSledge(idReindeer)`, `followSanta(idReindeer)`

**3R**- `leaveHolidays(idReindeer)`, `enjoyView(idReindeer)`

**1G**- `enterHouse(intidGnome)`, `talk(intidGnome)`

**2G**- `work()`, `needAdvice(intidGnome)`, `goBackToWork(intidGnome)`

**1C**- `callReindeer()`

**2C**- `decreNReindeer()`

**3C**- `isReindeerAtDoor()`

**4C**- `noReinAtDoor()`

**5C**- `isGnomeAtDoor()`