

Exercises on Use Cases

Day 1 Exercises

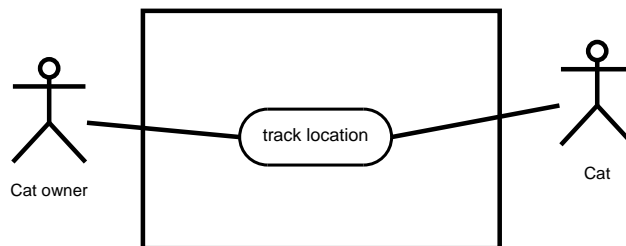
1. Many people have cats. Suppose you want to develop software enabling them to keep track the location of their cats; give a *use case diagram* modeling this software. In this example, just decide by yourself what you want from this software.

Theory questions:

- (a) What is the main purpose of use case modeling?

Modeling question: should 'cat' be an actor?

Answer:



Just a minimalistic one.

2. Work out at least one use case in your model above to the *casual* detail level.

Work out your use-case further to the *fully dressed* level; while you do that, give an example of an alternate flow that would be sensical in your use-case.

Should you just keep one model, or both models?

Fully dressed:

3. Give situations (one for each) where it would be sensical to use these constructs to structure your use case above:

- `<< include >>`
- `<< extend >>`
- specialization