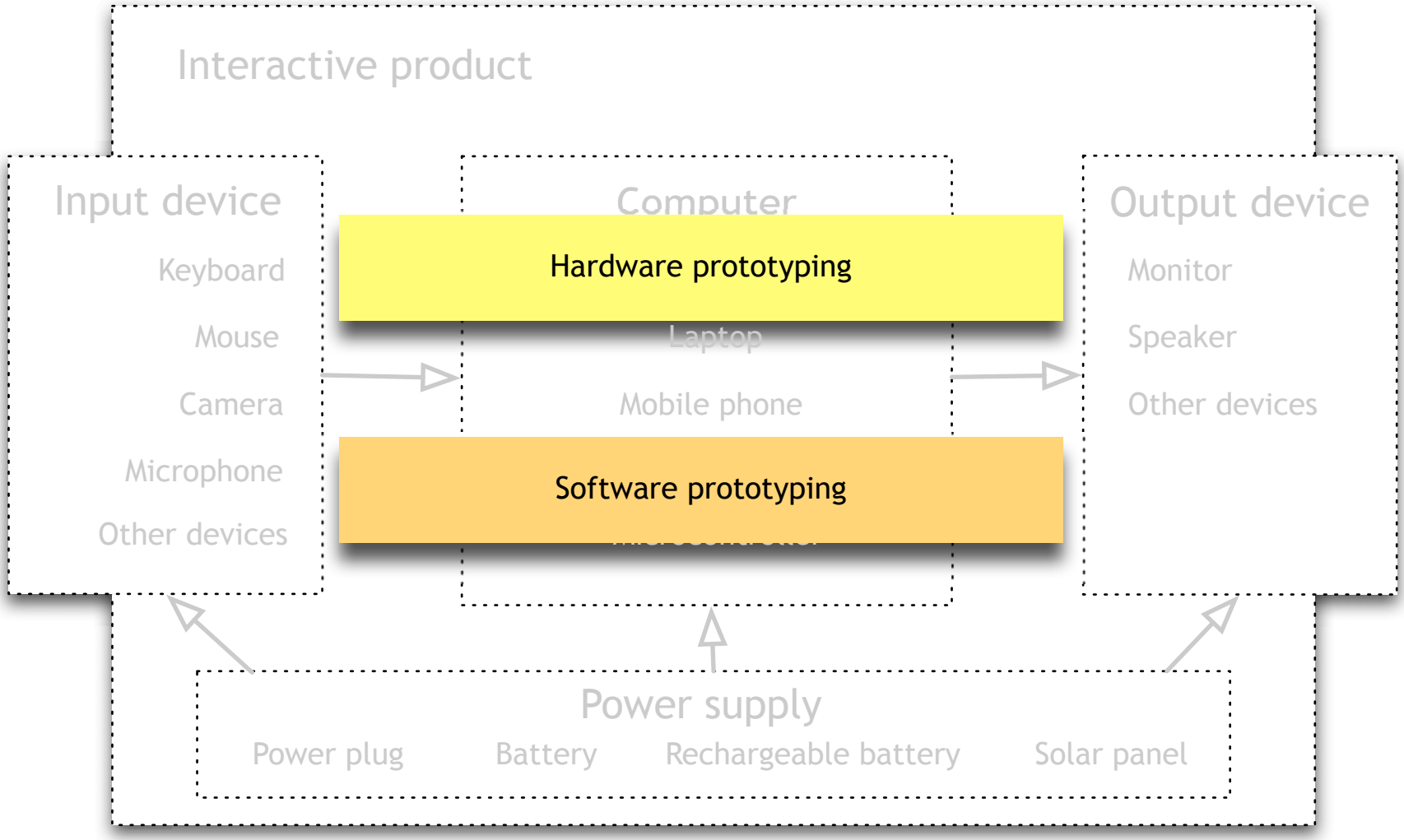
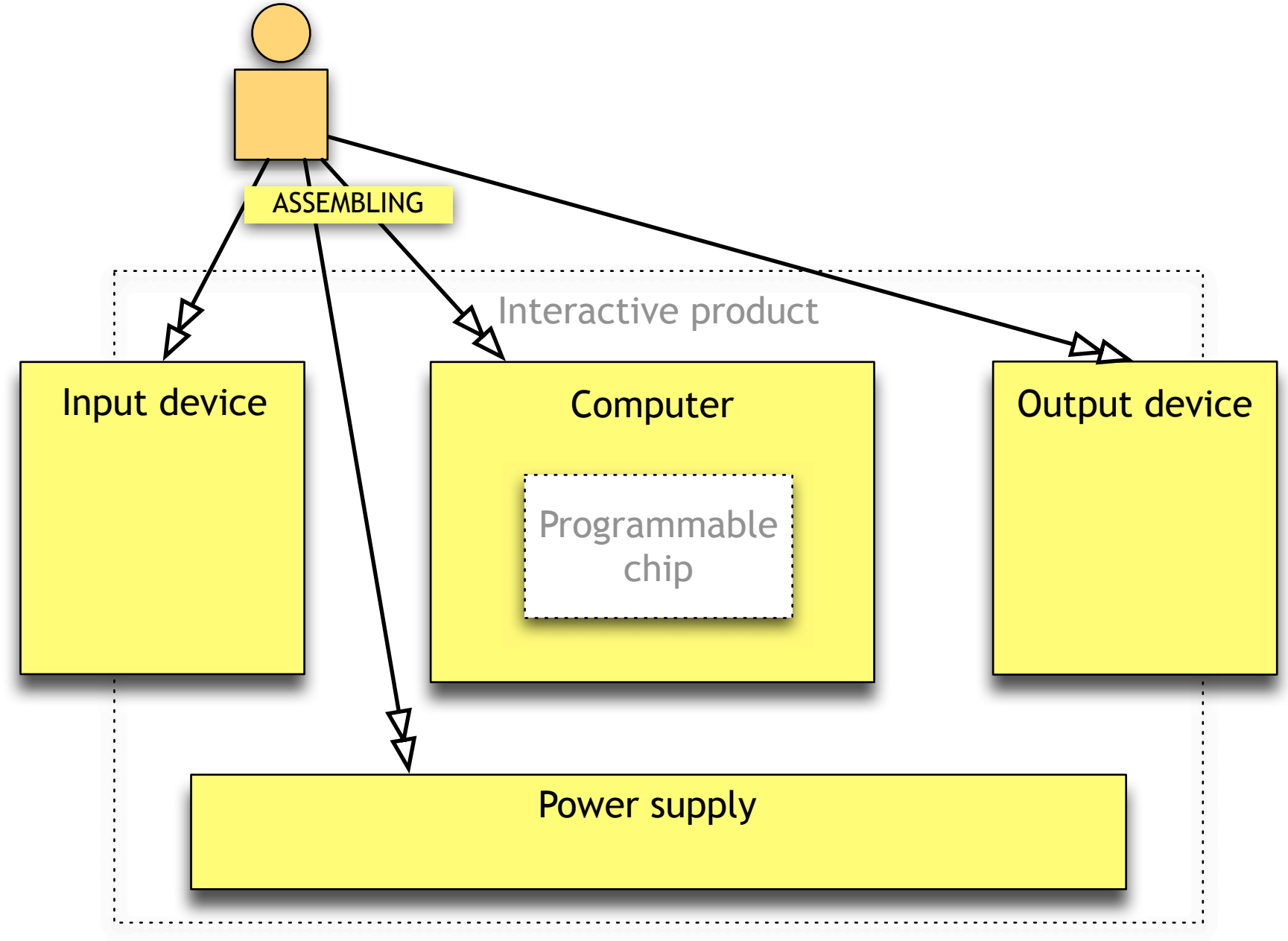
What do we do in this workshop?

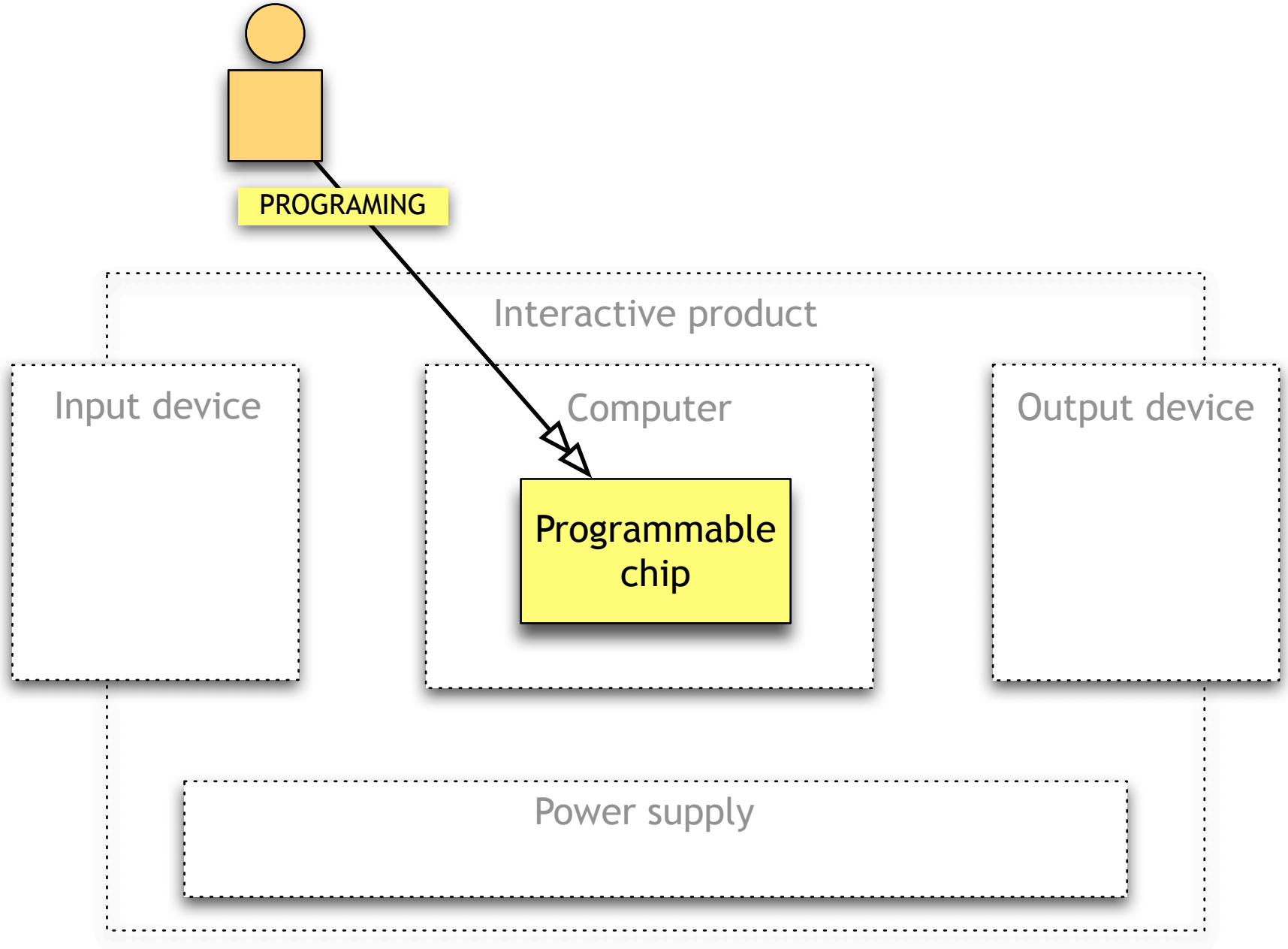
Hardware and Software



Hardware prototyping (Assembling Electronics)



Software prototyping (Programming Microcontroller)



Assignment

Each group creates an intuitive interaction with electronics and computer.

The group documents work in progress.

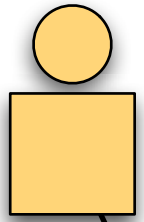
All groups will have final presentations in the end of the workshop

Course Blog

http://mlab.taik.fi/paja/

Idea creation

How to deal with Designing Interaction with Electronics



UNDERSTANDING THE CONCEPT

Technology is fascinating but it is easy to get lost.
Understanding the concept helps you find the right direction.

RESEARCHING TECHNOLOGIES

There are many possible techniques for your project. Research helps you find the right technology.

PATIENCE WHILE PROTOTYPING

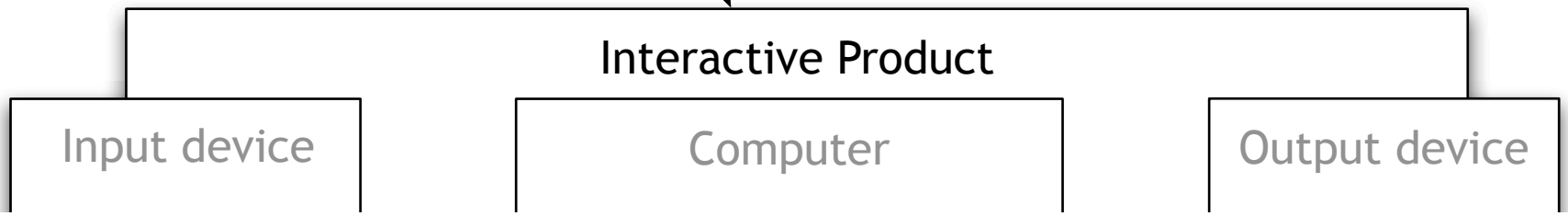
Electronics is invisible. Therefore some problems might take a few days to solve while others take only a few seconds.

DOCUMENTING YOUR RESULTS

Save your result in your document. Good documentation will help you when you have problems.

ORGANIZING THE PROTOTYPING PROCESS

Organizing your process may prevent problems in the future.



Idea Creation for Intuitive Interaction

Walk around Taik and observe objects and people.

Create several intuitive interaction ideas.

Document ideas on the Paja blog.