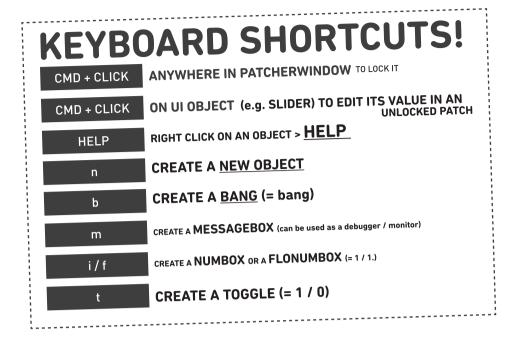
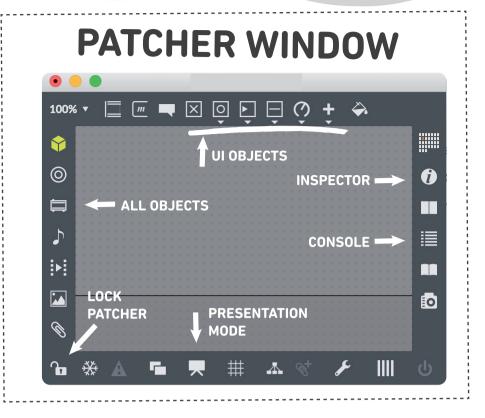
# MAX CHEATSHEEET1





### AN OBJECT'S ANATOMY



- · EVERY OBJECT HAS A PARTICULAR FUNCTION
- · EVERY OBJECT HAS **INLETS AND OUTLETS**
- · THE **LEFTMOST** INLET IS HOT IT TRIGGERS THE OBJECT'S FUNCTION (AND THEREFORE OUTPUT)
- · ALL OTHER INLETS ARE COLD THEY'RE USED TO CHANGE ARGUMENTS (THE FUNCTION'S "SETTINGS")
- · ARGUMENTS CAN BE SET WHEN CREATING THE OBJECT · ARGUMENTS CAN BE OVERWRITTEN

MESSAGE BOXES

(BUT MIND: IT WON'T CHANGE THE random 5 ARGUMENT IN THE OBJECT'S NAME!)

**OUTPUT THE MESSAGE SET THE MESSAGE WITH** (AND REPLACE ARGUMENTS) 1 2 3 4

**NO OUTPUT (ALSO GOOD FOR MONITORING!)** A MESSAGE BOX IS AN OBJECT, TOO!

IT CAN CONTAIN ANY DATA TYPE AND BE USED TO:

- > **DISPLAY THINGS** (= E.G. THE OUTPUT OF OTHER OBJECTS)
- > **SEND MESSAGES** TO OTHER OBJECTS
- > FORMAT STRINGS, COMMANDS, LIST ETC

**ARGUMENTS CAN BE REPLACED IN MESSAGES** 



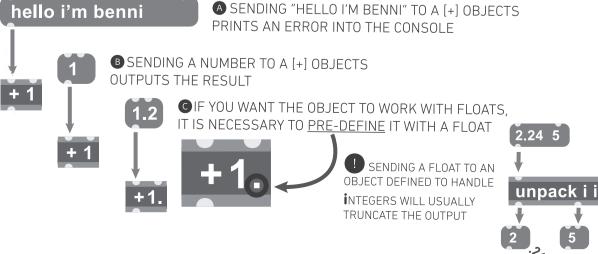
random 5

DATA TYPES **INTEGERS** 22 **FLOATS** 999.123457 22.2451 **LISTS** hello stupid 1234 1.1 211 hello **BANG** bang "1 2 3 4" "bier wut" "1.1 hallo" SYMBOLS **SIGNALS** 

signal

MOST OBJECT "EXPECT" CERTAIN DATA TYPES (AND REACT ACCORDINGLY)

hello i'm benni



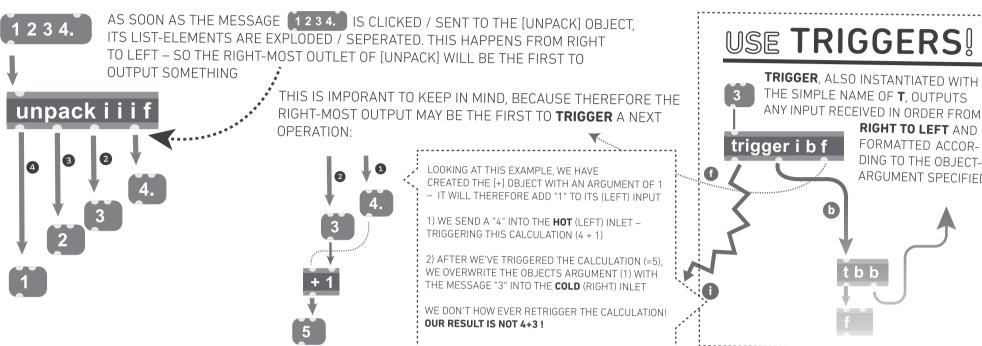
# MAX CHEATSHEEETO

## ORDER OF MESSAGES

#### THIS IS CRUCIAL!

BE AWARE, THAT MESSAGES ARE ALWAYS ORDERED:

RIGHT TO LEFT



SUMMING IT UP:

#### **CREATING AND SETTING UP OBJECTS**

THE **NAME** WE GIVE OBJECTS DEFINES "WHAT THEY ARE"

THINK: DELAY PEDAL - WE HOOK IT UP TO DELAY A GUITAR SIGNAL

THE **ARGUMENTS** WE GIVE OBJECTS DEFINE "HOW THEY BEHAVE"

THINK: YOU SET THE DELAY TIME ON THE PEDAL BEFORE YOU PLAY

ARGUMENTS CAN USUALLY BE CHANGED DYNAMICALLY, ALTERING AN OBJECT'S BEHAVIOUR

THINK: MAYBE YOU WANT MORE DELAY LATER IN THE SONG

PARTICULAR MESSAGES ARE RESERVED AND MAY ACT AS "COMMANDS"

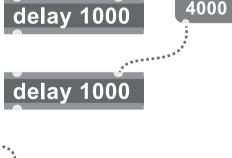
THINK: YOU DISENGAGE THE SWTICH ON THE PEDAL, CLEARING THE FEEDBACK WITHOUT CHANGING THE DELAY TIME

delay

t b b

RIGHT TO LEFT AND

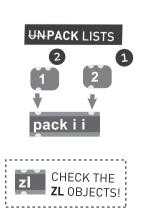
FORMATTED ACCOR-DING TO THE OBJECT-ARGUMENT SPECIFIED

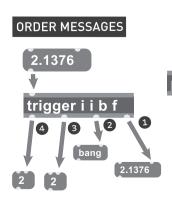


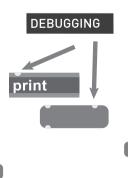
delay 1000

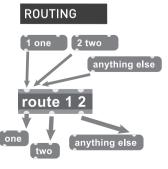
## 











stop

