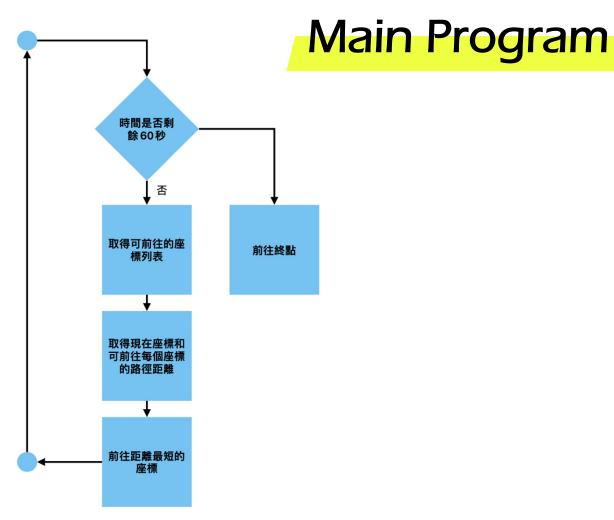


KiBobo



Main Program





find relative pos of handleTarget() target to nav cam calculate the define new relative coordinate and movement in new transfer target pos coordinate to new coordinate transfer the movement vector return move back to real coordintate

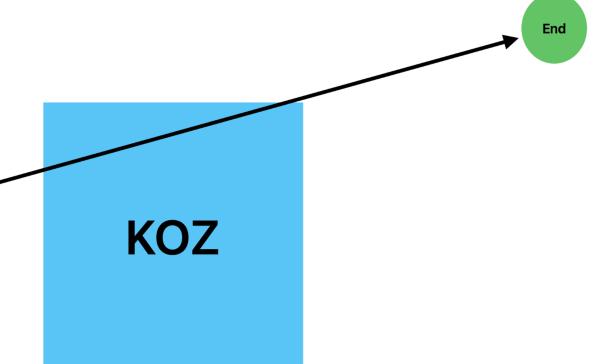


Start

Route Design

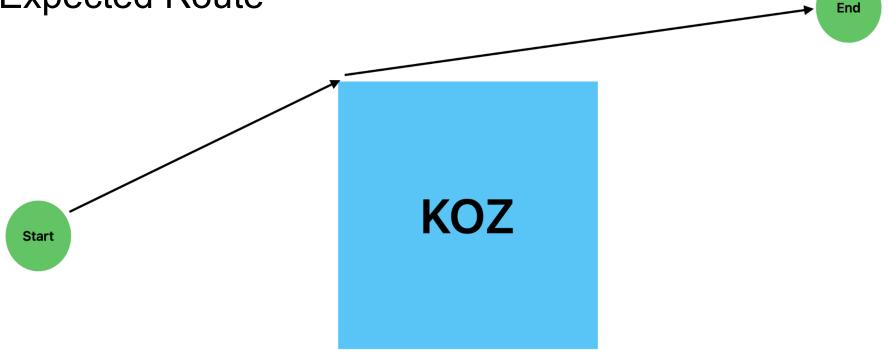
Route Searching

any Point 1 to Point 2



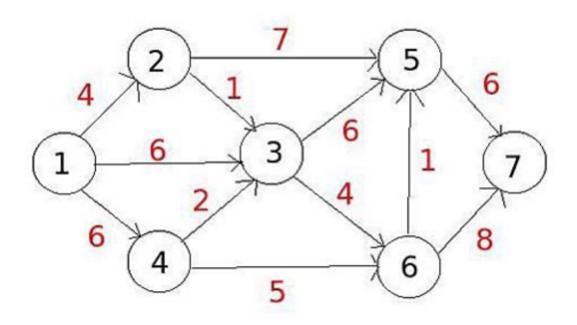


Expected Route

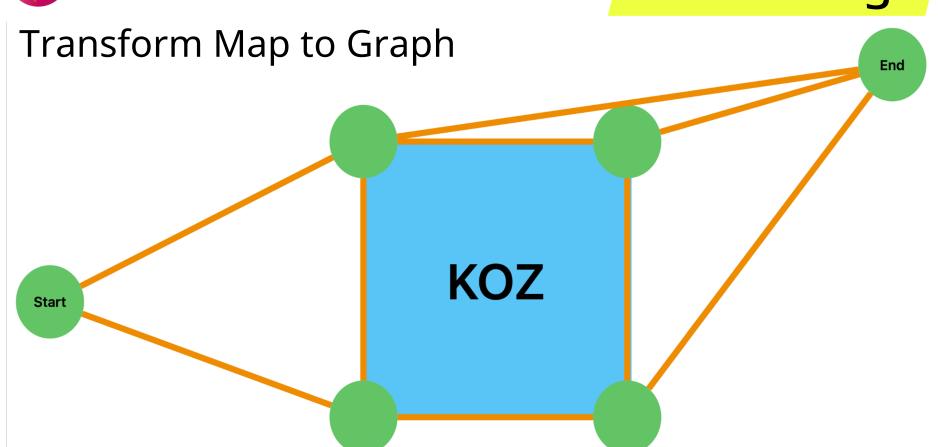




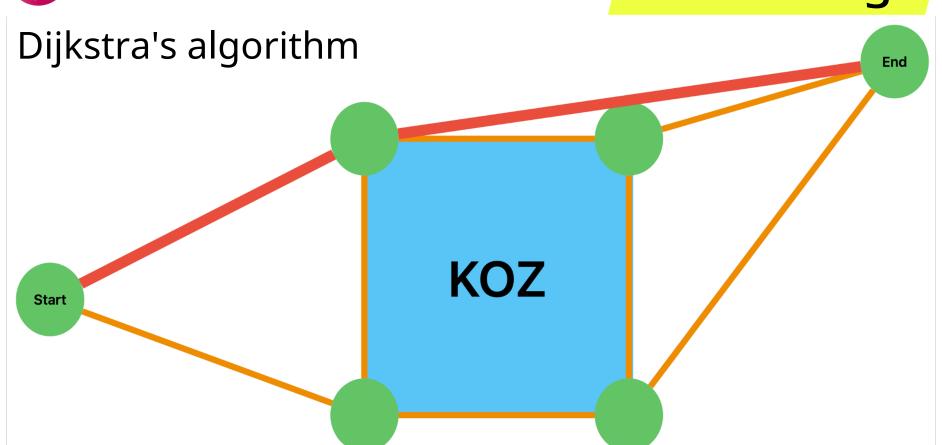
Use graph to Simulate map









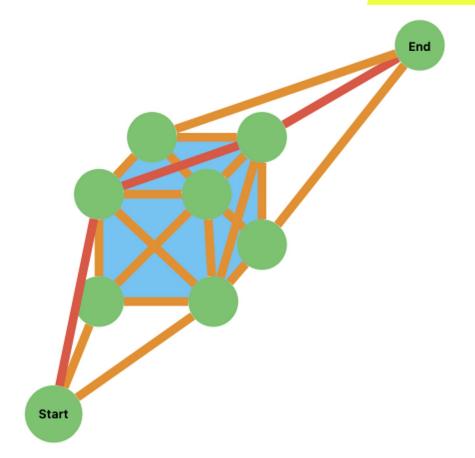






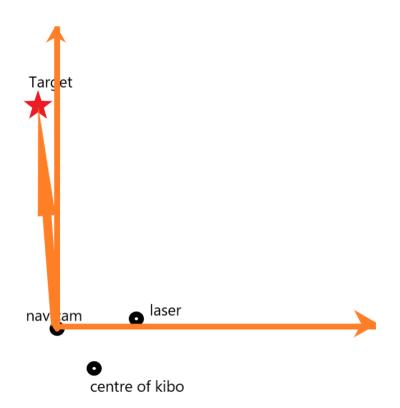


In 3D world



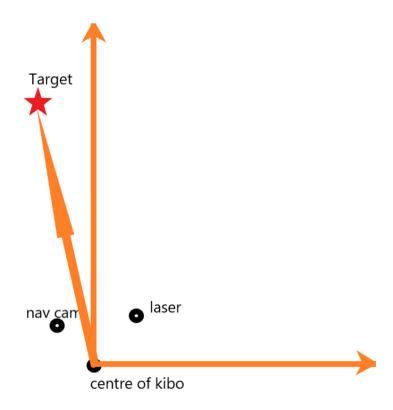


get relative pos of target in nav cam's coord



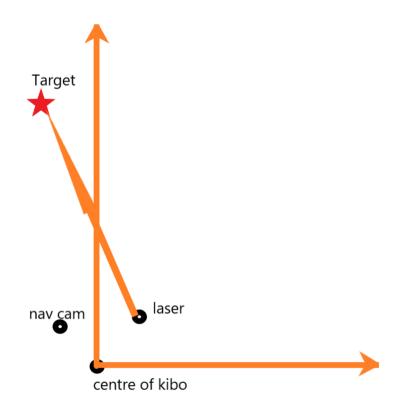


convert to new coordinate's vector



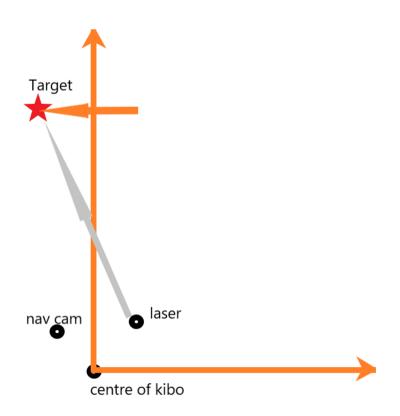


find vector between laser and target





discard vertical movement





convert back to real coord

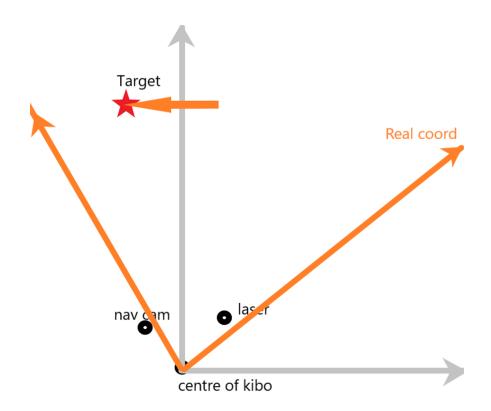






Image Processing

Resize Image 2000*1500

Flash Control

Front 0.05f, Back 0.025f

Luminance Source
Binary Bit map

QRCodeReader().decode(bitmap) .getText()

Report Message

Content	Report Message
JEM	STAY_AT_JEM
COLUMBUS	GO_TO_COLUMBUS
RACK1	CHECK_RACK_1

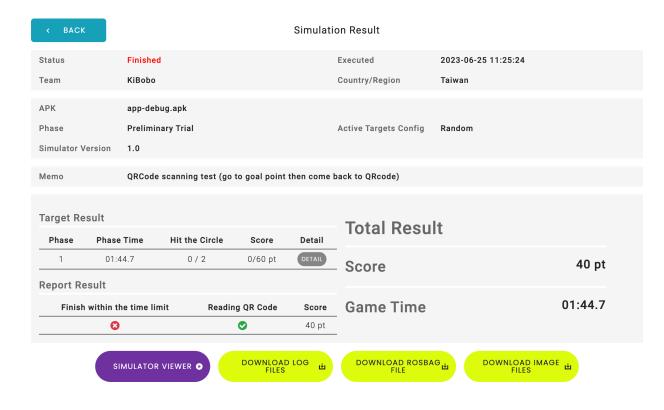
Content	Report Message
ASTROBEE	I_AM_HERE
INTBALL	LOOKING_FORWARD_TO_SEE_YOU
BLANK	NO_PROBLEM





QRcode can scanning

But the path setting got wrong so QRcode part is failed





KiBobo