updated when press go
zoom disabled

view option

path map

updates on go
center of map = depart

center always current location

speed + direction= new location

lat/lon= 69 miles or 111 KM
speed/69 = difference in lat/lon

new location:
lat between -90 and 90
log bet -180 and 180

up = lat - dif
down = lat + dif
right = log - dif
left = log + dif

36,000 m/h every second move 1 mile in slope direction

lat, log

update when press go
lat1, log1 or adr1

update when press go
lat2, log2 or adr1

update based on center
map lat and log so updates
whenever center map
updates

updates on go
plane starting in center
center of map = depart
zoom = 2
see path
see all airports

pixels of plane move
calculated based on
direction + speed + zoom

navigation map

pathMap:

startlat
startlong
endlat
endlong
url

public pathMap(){
url=airports;

}

updateMap(startlat startlong, endlat, endlong){
url= point a b path

}

navigationMap;

currentlat
currentlong
img
plane

public navigaitonMap(startlat, startlong){
new Plane();
currentlat=startlat
currentlong=startlong

}

update(speed, direction){
updatePlane();

}

sidemap:

pathMap - only updates on go

navigationMap
zoom
speed
direction
startlat
startlon

public sideMap(lat, long){
new pathMap();
new navigationMap(startat, startlong);

}

newTrip(){
pathMap.updateMap(startlat, startlong, endlat, endlong);

navigationMap(
}

update(speed, direction){
navigationMap.update(speed,direction)
}

world:

sideMap
centerMap
weatherContainer
speed
direction
current lat = lat1
current log = log1
lat2;
log2;
address1;
address2;

public world(){
lat1 = 45.75;
log1 = 68.98;

new sideMap(lat, long);
new centerMap(lat, long);
new weather(lat1 + "," + log);
}

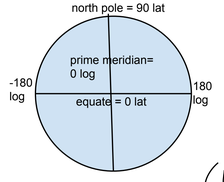
all 3 weather boxes start off the same

update(){
difference = speed/69
case left:
lat stays same
log = log - dif
case right:
lat stays same
log = log + dif
case down:
lat = lat - differnce
log stays same
case up:
lat = lat + differnce
log stays same

centermap.update(lat1, log1)
weather.update(log1, lat1)
sidemap.update(speed, direction)
}

external thread
getCoords(address1, address2,world){
set
lat1 =
log1 =
lat2 =
log2 =
}

actionlistener go{
address1=departure;
address2=destination;
getCoords(address1, address2);
sideMap.newTrip(lat, long, lat ,long);
centermap.update(adr1 lat and log)
weather.fullUpdate(address1, address2)
}



557/ (.0137329 * Math.pow(2, zoom))= difference