Advanced Touch Input

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Objectives: finger gesture controlling

1. Moving/Resizing a View

To move or resize view at runtime. Runtime describes software/instructions that are executed *while* the program is running.

The interface is modified based on the user interaction, which means we will have an interactive view.

LayoutParams are used by views to tell their parents how they want to be laid out.

To modify size and position of a View

• Get its LayoutParam with the type from its parent

• Modify position and/or size from the accquired LayoutParams

• Set the LayoutParams back to the View (not the parent)

We have to concern about the type of parent’s layout. We need to get the layout param of the child match with the type of parent