

Heatmap illustrating the proportion of devices running different API versions over time (Date) from August 2011 to February 2015. The Y-axis represents the API version (7 to 22), and the X-axis represents the Date. The color scale indicates the proportion of devices, ranging from 0.1 (light yellow) to 0.8 (dark red).

Key observations from the heatmap:

- API Level 10 Dominance:** API level 10 (Jelly Bean) shows the highest proportion of devices, peaking around 0.8 (dark red) in early 2012 and remaining high until late 2014.
- API Level 8 Dominance:** API level 8 (Ice Cream Sandwich) shows a high proportion (around 0.4-0.5, orange) from late 2011 to early 2012, before declining.
- API Level 16 Emergence:** API level 16 (Marshmallow) shows a significant increase in proportion starting around late 2014, reaching around 0.4 (orange) by early 2015.
- API Level 19 Emergence:** API level 19 (KitKat) shows a significant increase in proportion starting around late 2014, reaching around 0.4 (orange) by early 2015.
- API Level 21 Emergence:** API level 21 (Lollipop) shows a significant increase in proportion starting around late 2014, reaching around 0.4 (orange) by early 2015.
- API Level 22 Emergence:** API level 22 (Marshmallow) shows a significant increase in proportion starting around late 2014, reaching around 0.4 (orange) by early 2015.

