**Mudraw -t**

Tap Double tap Drag Flick

Pinch Spread Press Press and tap

Press and drag Rotate

OR

OR OR

Touch GestureR E F E R E N C E G U I D E

By Craig Villamor, Dan Willis, and Luke Wroblewski

Last updated April 15, 2010

CORE GESTURES Basic gestures for most touch commands

Press surface with one finger and

move second finger over surface

without losing contact

Press surface with

one finger and briefly

touch surface with

second finger

Touch surface for

extended period

of time

Briefly touch surface

with fingertip

Rapidly touch surface

twice with fingertip

Move fingertip over

surface without

losing contact

Quickly brush surface

with fingertip

Touch surface with

two fingers and bring

them closer together

Touch surface with

two fingers and

move them apart

Touch surface with two fingers

and move them in a clockwise

or counterclockwise direction

Supporting materials for this guide can be found online at: http://www.lukew.com/touch/

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**Mudraw –tt**

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<p>

<span><span class="s0">Tap Double tap Drag Flick</span></span>

</p>

</div>

<div class="block">

<p>

<span><span class="s0">Pinch Spread Press Press and tap</span></span>

</p>

</div>

<div class="block">

<p>

<span><span class="s0">Press and drag Rotate</span></span>

</p>

</div>

<div class="block">

<p>

<span><span class="s1">OR</span></span>

</p>

</div>

<div class="block">

<p>

<span><span class="s1">OR OR</span></span>

</p>

</div>

<div class="block">

<p>

<span><span class="s2">Touch Gesture</span><span class="s3">R E F E R E N C E G U I D E</span></span>

</p>

</div>

<div class="block">

<p>

<span><span class="s4">By Craig Villamor, Dan Willis, and Luke Wroblewski</span></span>

<span><span class="s4">Last updated April 15, 2010</span></span>

</p>

</div>

<div class="block">

<p>

<span><span class="s5">CORE GESTURES </span><span class="s6">Basic gestures for most touch commands</span></span>

</p>

</div>

<div class="block">

<p>

<span><span class="s7">Press surface with one finger and </span></span>

<span><span class="s7">move second finger over surface </span></span>

<span><span class="s7">without losing contact</span></span>

</p>

</div>

<div class="block">

<p>

<span><span class="s7">Press surface with </span></span>

<span><span class="s7">one finger and briefly </span></span>

<span><span class="s7">touch surface with </span></span>

<span><span class="s7">second finger</span></span>

</p>

</div>

<div class="block">

<p>

<span><span class="s7">Touch surface for </span></span>

<span><span class="s7">extended period </span></span>

<span><span class="s7">of time</span></span>

</p>

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<div class="block">

<p>

<span><span class="s7">Briefly touch surface </span></span>

<span><span class="s7">with fingertip</span></span>

</p>

</div>

<div class="block">

<p>

<span><span class="s7">Rapidly touch surface </span></span>

<span><span class="s7">twice with fingertip</span></span>

</p>

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<div class="block">

<p>

<span><span class="s7">Move fingertip over </span></span>

<span><span class="s7">surface without </span></span>

<span><span class="s7">losing contact</span></span>

</p>

</div>

<div class="block">

<p>

<span><span class="s7">Quickly brush surface </span></span>

<span><span class="s7">with fingertip</span></span>

</p>

</div>

<div class="block">

<p>

<span><span class="s7">Touch surface with </span></span>

<span><span class="s7">two fingers and bring </span></span>

<span><span class="s7">them closer together</span></span>

</p>

</div>

<div class="block">

<p>

<span><span class="s7">Touch surface with </span></span>

<span><span class="s7">two fingers and </span></span>

<span><span class="s7">move them apart</span></span>

</p>

</div>

<div class="block">

<p>

<span><span class="s7">Touch surface with two fingers </span></span>

<span><span class="s7">and move them in a clockwise </span></span>

<span><span class="s7">or counterclockwise direction</span></span>

</p>

</div>

<div class="block">

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<span><span class="s8">Supporting materials for this guide can be found online at:</span><span class="s7"> </span><span class="s9">http://www.lukew.com/touch/ </span></span>

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**Mudraw -ttt**

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**Mudraw -x**

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**pdftohtml –xml**

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<text top="102" left="357" width="215" height="11" font="4">By Craig Villamor, Dan Willis, and Luke Wroblewski</text>

<text top="116" left="357" width="117" height="11" font="4">Last updated April 15, 2010</text>

<text top="175" left="57" width="402" height="17" font="5"><b>CORE GESTURES </b>Basic gestures for most touch commands</text>

<text top="619" left="57" width="167" height="13" font="7">Press surface with one finger and </text>

<text top="633" left="57" width="164" height="13" font="7">move second finger over surface </text>

<text top="646" left="57" width="109" height="13" font="7">without losing contact</text>

<text top="457" left="462" width="93" height="13" font="7">Press surface with </text>

<text top="471" left="462" width="107" height="13" font="7">one finger and briefly </text>

<text top="484" left="462" width="94" height="13" font="7">touch surface with </text>

<text top="497" left="462" width="67" height="13" font="7">second finger</text>

<text top="457" left="327" width="89" height="13" font="7">Touch surface for </text>

<text top="471" left="327" width="84" height="13" font="7">extended period </text>

<text top="484" left="327" width="34" height="13" font="7">of time</text>

<text top="312" left="57" width="104" height="13" font="7">Briefly touch surface </text>

<text top="326" left="57" width="64" height="13" font="7">with fingertip</text>

<text top="312" left="192" width="110" height="13" font="7">Rapidly touch surface </text>

<text top="326" left="192" width="93" height="13" font="7">twice with fingertip</text>

<text top="312" left="327" width="98" height="13" font="7">Move fingertip over </text>

<text top="326" left="327" width="79" height="13" font="7">surface without </text>

<text top="339" left="327" width="69" height="13" font="7">losing contact</text>

<text top="312" left="462" width="110" height="13" font="7">Quickly brush surface </text>

<text top="326" left="462" width="64" height="13" font="7">with fingertip</text>

<text top="457" left="57" width="97" height="13" font="7">Touch surface with </text>

<text top="471" left="57" width="107" height="13" font="7">two fingers and bring </text>

<text top="484" left="57" width="102" height="13" font="7">them closer together</text>

<text top="457" left="192" width="97" height="13" font="7">Touch surface with </text>

<text top="471" left="192" width="79" height="13" font="7">two fingers and </text>

<text top="484" left="192" width="84" height="13" font="7">move them apart</text>

<text top="619" left="269" width="154" height="13" font="7">Touch surface with two fingers </text>

<text top="633" left="269" width="152" height="13" font="7">and move them in a clockwise </text>

<text top="646" left="269" width="145" height="13" font="7">or counterclockwise direction</text>

<text top="702" left="73" width="272" height="12" font="8">Supporting materials for this guide can be found online at:</text>

<text top="702" left="345" width="9" height="13" font="9"> </text>

<text top="701" left="354" width="175" height="14" font="10"><b>http://www.lukew.com/touch/ </b></text>

<text top="728" left="58" width="408" height="9" font="11">This work is licensed under the Creative Commons Attribution-Noncommercial-Share Alike 3.0 Unported License. </text>

<text top="737" left="58" width="308" height="9" font="11">To view a copy of this license, visit http://creativecommons.org/licenses/by-nc-sa/3.0/</text>

</page>

</pdf2xml>

**pdf2svg**

<svg xmlns="http://www.w3.org/2000/svg" xmlns:xlink="http://www.w3.org/1999/xlink" width="612px" height="792px" viewBox="0 0 612 792" version="1.1">

<defs>

<g>

<symbol overflow="visible" id="glyph0-0">

<path style="stroke:none;" d="M 4.859375 -0.09375 L 0.640625 -0.09375 L 0.640625 -5.546875 L 4.859375 -5.546875 Z M 0.546875 -5.625 L 0.546875 0 L 4.953125 0 L 4.953125 -5.625 Z "/>

</symbol>

<symbol overflow="visible" id="glyph0-1">

<path style="stroke:none;" d="M 2.5 -6.40625 L 2.5 0 L 4.21875 0 L 4.21875 -6.40625 L 6.578125 -6.40625 L 6.578125 -7.859375 L 0.140625 -7.859375 L 0.140625 -6.40625 Z "/>

</symbol>

<symbol overflow="visible" id="glyph0-2">

<path style="stroke:none;" d="M 0.53125 -3.9375 L 2.09375 -3.9375 C 2.125 -4.25 2.222656 -4.46875 2.390625 -4.59375 C 2.566406 -4.726562 2.8125 -4.796875 3.125 -4.796875 C 3.257812 -4.796875 3.390625 -4.785156 3.515625 -4.765625 C 3.640625 -4.742188 3.742188 -4.707031 3.828125 -4.65625 C 3.921875 -4.601562 3.992188 -4.523438 4.046875 -4.421875 C 4.109375 -4.328125 4.140625 -4.195312 4.140625 -4.03125 C 4.140625 -3.863281 4.085938 -3.738281 3.984375 -3.65625 C 3.890625 -3.570312 3.753906 -3.507812 3.578125 -3.46875 C 3.398438 -3.425781 3.195312 -3.390625 2.96875 -3.359375 C 2.738281 -3.335938 2.503906 -3.304688 2.265625 -3.265625 C 2.035156 -3.234375 1.804688 -3.1875 1.578125 -3.125 C 1.347656 -3.0625 1.140625 -2.96875 0.953125 -2.84375 C 0.773438 -2.71875 0.628906 -2.550781 0.515625 -2.34375 C 0.410156 -2.132812 0.359375 -1.867188 0.359375 -1.546875 C 0.359375 -1.253906 0.40625 -1 0.5 -0.78125 C 0.601562 -0.570312 0.738281 -0.398438 0.90625 -0.265625 C 1.082031 -0.128906 1.285156 -0.03125 1.515625 0.03125 C 1.753906 0.101562 2.007812 0.140625 2.28125 0.140625 C 2.632812 0.140625 2.976562 0.0859375 3.3125 -0.015625 C 3.65625 -0.117188 3.953125 -0.296875 4.203125 -0.546875 C 4.210938 -0.453125 4.222656 -0.359375 4.234375 -0.265625 C 4.253906 -0.171875 4.28125 -0.0820312 4.3125 0 L 5.890625 0 C 5.816406 -0.113281 5.765625 -0.285156 5.734375 -0.515625 C 5.710938 -0.753906 5.703125 -1.003906 5.703125 -1.265625 L 5.703125 -4.21875 C 5.703125 -4.5625 5.625 -4.835938 5.46875 -5.046875 C 5.3125 -5.265625 5.113281 -5.429688 4.875 -5.546875 C 4.632812 -5.660156 4.363281 -5.738281 4.0625 -5.78125 C 3.769531 -5.820312 3.484375 -5.84375 3.203125 -5.84375 C 2.890625 -5.84375 2.578125 -5.8125 2.265625 -5.75 C 1.953125 -5.6875 1.671875 -5.582031 1.421875 -5.4375 C 1.171875 -5.289062 0.960938 -5.09375 0.796875 -4.84375 C 0.640625 -4.601562 0.550781 -4.300781 0.53125 -3.9375 Z M 4.140625 -2.78125 L 4.140625 -2.203125 C 4.140625 -2.109375 4.128906 -1.988281 4.109375 -1.84375 C 4.085938 -1.695312 4.035156 -1.550781 3.953125 -1.40625 C 3.878906 -1.269531 3.753906 -1.148438 3.578125 -1.046875 C 3.410156 -0.941406 3.175781 -0.890625 2.875 -0.890625 C 2.75 -0.890625 2.625 -0.898438 2.5 -0.921875 C 2.382812 -0.941406 2.28125 -0.976562 2.1875 -1.03125 C 2.101562 -1.09375 2.035156 -1.171875 1.984375 -1.265625 C 1.929688 -1.359375 1.90625 -1.472656 1.90625 -1.609375 C 1.90625 -1.765625 1.929688 -1.890625 1.984375 -1.984375 C 2.035156 -2.078125 2.101562 -2.15625 2.1875 -2.21875 C 2.28125 -2.28125 2.378906 -2.328125 2.484375 -2.359375 C 2.597656 -2.398438 2.71875 -2.429688 2.84375 -2.453125 C 2.96875 -2.472656 3.09375 -2.488281 3.21875 -2.5 C 3.34375 -2.519531 3.457031 -2.539062 3.5625 -2.5625 C 3.675781 -2.582031 3.78125 -2.609375 3.875 -2.640625 C 3.976562 -2.671875 4.066406 -2.71875 4.140625 -2.78125 Z "/>

</symbol>

<symbol overflow="visible" id="glyph0-3">

<path style="stroke:none;" d="M 3.46875 -1.015625 C 3.21875 -1.015625 3.003906 -1.066406 2.828125 -1.171875 C 2.648438 -1.273438 2.507812 -1.410156 2.40625 -1.578125 C 2.300781 -1.742188 2.222656 -1.9375 2.171875 -2.15625 C 2.117188 -2.375 2.09375 -2.597656 2.09375 -2.828125 C 2.09375 -3.054688 2.113281 -3.28125 2.15625 -3.5 C 2.207031 -3.726562 2.285156 -3.925781 2.390625 -4.09375 C 2.492188 -4.257812 2.628906 -4.394531 2.796875 -4.5 C 2.972656 -4.601562 3.191406 -4.65625 3.453125 -4.65625 C 3.703125 -4.65625 3.910156 -4.601562 4.078125 -4.5 C 4.253906 -4.394531 4.394531 -4.253906 4.5 -4.078125 C 4.613281 -3.910156 4.691406 -3.71875 4.734375 -3.5 C 4.785156 -3.28125 4.8125 -3.054688 4.8125 -2.828125 C 4.8125 -2.597656 4.789062 -2.375 4.75 -2.15625 C 4.707031 -1.9375 4.628906 -1.742188 4.515625 -1.578125 C 4.410156 -1.410156 4.269531 -1.273438 4.09375 -1.171875 C 3.925781 -1.066406 3.71875 -1.015625 3.46875 -1.015625 Z M 0.59375 -5.6875 L 0.59375 1.984375 L 2.15625 1.984375 L 2.15625 -0.703125 L 2.171875 -0.703125 C 2.367188 -0.421875 2.613281 -0.207031 2.90625 -0.0625 C 3.207031 0.0703125 3.535156 0.140625 3.890625 0.140625 C 4.304688 0.140625 4.664062 0.0625 4.96875 -0.09375 C 5.28125 -0.257812 5.539062 -0.476562 5.75 -0.75 C 5.96875 -1.019531 6.125 -1.332031 6.21875 -1.6875 C 6.320312 -2.039062 6.375 -2.40625 6.375 -2.78125 C 6.375 -3.1875 6.320312 -3.570312 6.21875 -3.9375 C 6.125 -4.3125 5.96875 -4.632812 5.75 -4.90625 C 5.539062 -5.1875 5.273438 -5.410156 4.953125 -5.578125 C 4.628906 -5.753906 4.242188 -5.84375 3.796875 -5.84375 C 3.441406 -5.84375 3.117188 -5.769531 2.828125 -5.625 C 2.535156 -5.488281 2.289062 -5.269531 2.09375 -4.96875 L 2.078125 -4.96875 L 2.078125 -5.6875 Z "/>

</symbol>

<symbol overflow="visible" id="glyph0-4">

<path style="stroke:none;" d="M 2.484375 -1.453125 L 2.484375 -6.40625 L 3.71875 -6.40625 C 4.144531 -6.40625 4.5 -6.34375 4.78125 -6.21875 C 5.070312 -6.09375 5.304688 -5.914062 5.484375 -5.6875 C 5.660156 -5.46875 5.785156 -5.195312 5.859375 -4.875 C 5.941406 -4.5625 5.984375 -4.207031 5.984375 -3.8125 C 5.984375 -3.375 5.925781 -3.003906 5.8125 -2.703125 C 5.707031 -2.398438 5.5625 -2.15625 5.375 -1.96875 C 5.195312 -1.78125 4.988281 -1.644531 4.75 -1.5625 C 4.519531 -1.488281 4.28125 -1.453125 4.03125 -1.453125 Z M 0.765625 -7.859375 L 0.765625 0 L 4.140625 0 C 4.742188 0 5.265625 -0.0976562 5.703125 -0.296875 C 6.148438 -0.503906 6.519531 -0.78125 6.8125 -1.125 C 7.113281 -1.476562 7.335938 -1.894531 7.484375 -2.375 C 7.640625 -2.863281 7.71875 -3.394531 7.71875 -3.96875 C 7.71875 -4.625 7.625 -5.191406 7.4375 -5.671875 C 7.257812 -6.160156 7.007812 -6.566406 6.6875 -6.890625 C 6.375 -7.210938 6 -7.453125 5.5625 -7.609375 C 5.125 -7.773438 4.648438 -7.859375 4.140625 -7.859375 Z "/>

</symbol>

<symbol overflow="visible" id="glyph0-5">

<path style="stroke:none;" d="M 1.984375 -2.84375 C 1.984375 -3.0625 2.003906 -3.28125 2.046875 -3.5 C 2.085938 -3.726562 2.160156 -3.925781 2.265625 -4.09375 C 2.378906 -4.257812 2.519531 -4.394531 2.6875 -4.5 C 2.863281 -4.601562 3.085938 -4.65625 3.359375 -4.65625 C 3.617188 -4.65625 3.835938 -4.601562 4.015625 -4.5 C 4.203125 -4.394531 4.347656 -4.257812 4.453125 -4.09375 C 4.554688 -3.925781 4.628906 -3.726562 4.671875 -3.5 C 4.710938 -3.28125 4.734375 -3.0625 4.734375 -2.84375 C 4.734375 -2.613281 4.710938 -2.390625 4.671875 -2.171875 C 4.628906 -1.953125 4.554688 -1.753906 4.453125 -1.578125 C 4.347656 -1.410156 4.203125 -1.273438 4.015625 -1.171875 C 3.835938 -1.066406 3.617188 -1.015625 3.359375 -1.015625 C 3.085938 -1.015625 2.863281 -1.066406 2.6875 -1.171875 C 2.519531 -1.273438 2.378906 -1.410156 2.265625 -1.578125 C 2.160156 -1.753906 2.085938 -1.953125 2.046875 -2.171875 C 2.003906 -2.390625 1.984375 -2.613281 1.984375 -2.84375 Z M 0.421875 -2.84375 C 0.421875 -2.382812 0.488281 -1.972656 0.625 -1.609375 C 0.769531 -1.242188 0.96875 -0.929688 1.21875 -0.671875 C 1.476562 -0.410156 1.785156 -0.207031 2.140625 -0.0625 C 2.503906 0.0703125 2.910156 0.140625 3.359375 0.140625 C 3.804688 0.140625 4.207031 0.0703125 4.5625 -0.0625 C 4.925781 -0.207031 5.238281 -0.410156 5.5 -0.671875 C 5.757812 -0.929688 5.957031 -1.242188 6.09375 -1.609375 C 6.226562 -1.972656 6.296875 -2.382812 6.296875 -2.84375 C 6.296875 -3.289062 6.226562 -3.695312 6.09375 -4.0625 C 5.957031 -4.4375 5.757812 -4.753906 5.5 -5.015625 C 5.238281 -5.273438 4.925781 -5.476562 4.5625 -5.625 C 4.207031 -5.769531 3.804688 -5.84375 3.359375 -5.84375 C 2.910156 -5.84375 2.503906 -5.769531 2.140625 -5.625 C 1.785156 -5.476562 1.476562 -5.273438 1.21875 -5.015625 C 0.96875 -4.753906 0.769531 -4.4375 0.625 -4.0625 C 0.488281 -3.695312 0.421875 -3.289062 0.421875 -2.84375 Z "/>

</symbol>

…………………………………………………………………………………………………………

</symbol>

</g>

</defs>

<g id="surface1">

…………………………………………………………………………………………………………

<!-- Touch Gesture -->

<g style="fill:rgb(13.729858%,12.159729%,12.548828%);fill-opacity:1;">

<use xlink:href="#glyph2-1" x="120.0063" y="102.7251"/>

<use xlink:href="#glyph2-2" x="139.8027" y="102.7251"/>

<use xlink:href="#glyph2-3" x="159.5991" y="102.7251"/>

<use xlink:href="#glyph2-4" x="178.8123" y="102.7251"/>

<use xlink:href="#glyph2-5" x="197.4099" y="102.7251"/>

<use xlink:href="#glyph2-6" x="216.6231" y="102.7251"/>

<use xlink:href="#glyph2-7" x="225.6303" y="102.7251"/>

<use xlink:href="#glyph2-8" x="250.2219" y="102.7251"/>

<use xlink:href="#glyph2-9" x="268.8195" y="102.7251"/>

<use xlink:href="#glyph2-10" x="286.2183" y="102.7251"/>

<use xlink:href="#glyph2-3" x="297.6231" y="102.7251"/>

<use xlink:href="#glyph2-11" x="316.8363" y="102.7251"/>

<use xlink:href="#glyph2-8" x="329.4399" y="102.7251"/>

</g>

<!-- R E F E R E N C E G U I D E -->

<g style="fill:rgb(13.729858%,12.159729%,12.548828%);fill-opacity:1;">

<use xlink:href="#glyph3-1" x="357.4536" y="95.4116"/>

<use xlink:href="#glyph3-2" x="370.3155" y="95.4116"/>

<use xlink:href="#glyph3-3" x="382.1451" y="95.4116"/>

<use xlink:href="#glyph3-2" x="393.20745" y="95.4116"/>

<use xlink:href="#glyph3-1" x="405.03705" y="95.4116"/>

<use xlink:href="#glyph3-2" x="417.89895" y="95.4116"/>

<use xlink:href="#glyph3-4" x="429.72855" y="95.4116"/>

<use xlink:href="#glyph3-5" x="442.8555" y="95.4116"/>

<use xlink:href="#glyph3-2" x="455.98245" y="95.4116"/>

<use xlink:href="#glyph3-6" x="467.81205" y="95.4116"/>

<use xlink:href="#glyph3-7" x="474.48015" y="95.4116"/>

<use xlink:href="#glyph3-8" x="487.8582" y="95.4116"/>

<use xlink:href="#glyph3-9" x="500.98515" y="95.4116"/>

<use xlink:href="#glyph3-10" x="507.8904" y="95.4116"/>

<use xlink:href="#glyph3-2" x="521.01735" y="95.4116"/>

</g>

…………………………………………………………………………………………………………

<!-- Touch surface with -->

<g style="fill:rgb(48.23761%,47.296143%,47.529602%);fill-opacity:1;">

<use xlink:href="#glyph7-23" x="191.5286" y="467.8565"/>

<use xlink:href="#glyph7-14" x="197.8426" y="467.8565"/>

<use xlink:href="#glyph7-6" x="204.1566" y="467.8565"/>

<use xlink:href="#glyph7-9" x="210.2726" y="467.8565"/>

<use xlink:href="#glyph7-13" x="216.1796" y="467.8565"/>

<use xlink:href="#glyph7-5" x="222.2956" y="467.8565"/>

<use xlink:href="#glyph7-4" x="225.3536" y="467.8565"/>

<use xlink:href="#glyph7-6" x="230.8536" y="467.8565"/>

<use xlink:href="#glyph7-2" x="236.9696" y="467.8565"/>

<use xlink:href="#glyph7-7" x="240.6326" y="467.8565"/>

<use xlink:href="#glyph7-8" x="243.8886" y="467.8565"/>

<use xlink:href="#glyph7-9" x="249.7956" y="467.8565"/>

<use xlink:href="#glyph7-3" x="255.7026" y="467.8565"/>

<use xlink:href="#glyph7-5" x="261.6096" y="467.8565"/>

<use xlink:href="#glyph7-10" x="264.6676" y="467.8565"/>

<use xlink:href="#glyph7-11" x="273.0056" y="467.8565"/>

<use xlink:href="#glyph7-12" x="275.4476" y="467.8565"/>

<use xlink:href="#glyph7-13" x="278.9126" y="467.8565"/>

<use xlink:href="#glyph7-5" x="285.0286" y="467.8565"/>

</g>

<!-- two fingers and -->

<g style="fill:rgb(48.23761%,47.296143%,47.529602%);fill-opacity:1;">

<use xlink:href="#glyph7-12" x="191.5286" y="481.0565"/>

<use xlink:href="#glyph7-10" x="194.9936" y="481.0565"/>

<use xlink:href="#glyph7-14" x="203.3316" y="481.0565"/>

<use xlink:href="#glyph7-5" x="209.6456" y="481.0565"/>

<use xlink:href="#glyph7-7" x="212.7036" y="481.0565"/>

<use xlink:href="#glyph7-11" x="215.9596" y="481.0565"/>

<use xlink:href="#glyph7-15" x="218.4016" y="481.0565"/>

<use xlink:href="#glyph7-16" x="224.5176" y="481.0565"/>

<use xlink:href="#glyph7-3" x="230.8316" y="481.0565"/>

<use xlink:href="#glyph7-2" x="236.7386" y="481.0565"/>

<use xlink:href="#glyph7-4" x="240.4016" y="481.0565"/>

<use xlink:href="#glyph7-5" x="245.9016" y="481.0565"/>

<use xlink:href="#glyph7-8" x="248.9596" y="481.0565"/>

<use xlink:href="#glyph7-15" x="254.8666" y="481.0565"/>

<use xlink:href="#glyph7-17" x="260.9826" y="481.0565"/>

<use xlink:href="#glyph7-5" x="267.5056" y="481.0565"/>

</g>

<!-- move them apart -->

<g style="fill:rgb(48.23761%,47.296143%,47.529602%);fill-opacity:1;">

<use xlink:href="#glyph7-18" x="191.5286" y="494.2565"/>

<use xlink:href="#glyph7-14" x="200.9116" y="494.2565"/>

<use xlink:href="#glyph7-19" x="207.2256" y="494.2565"/>

<use xlink:href="#glyph7-3" x="212.7256" y="494.2565"/>

<use xlink:href="#glyph7-5" x="218.6326" y="494.2565"/>

<use xlink:href="#glyph7-12" x="221.6906" y="494.2565"/>

<use xlink:href="#glyph7-13" x="225.1556" y="494.2565"/>

<use xlink:href="#glyph7-3" x="231.2716" y="494.2565"/>

<use xlink:href="#glyph7-18" x="237.1786" y="494.2565"/>

<use xlink:href="#glyph7-5" x="246.5616" y="494.2565"/>

<use xlink:href="#glyph7-8" x="249.6196" y="494.2565"/>

<use xlink:href="#glyph7-25" x="255.5266" y="494.2565"/>

<use xlink:href="#glyph7-8" x="262.0496" y="494.2565"/>

<use xlink:href="#glyph7-2" x="267.9566" y="494.2565"/>

<use xlink:href="#glyph7-12" x="271.6196" y="494.2565"/>

</g>

…………………………………………………………………………………………………………

</g>

</svg>