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<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/
TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
<head>
<title>i2Speak - Free Online Smart IPA Keyboard</title>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<meta name="description" content="i2Speak is a free online Smart IPA Keyboard
(International Phonetic Alphabet) to quickly write phonetic symbols using Roman lett
ers without the need to memorize any symbol code." />
<meta name="keywords" content="IPA, IPA Keyboard, phonetics, phonetics keyboar
d, SAMPA, SAMPA keyboard, ESL, pronunciation, phonics, phonemic, phoneme, phonetic a
lphabets, international phonetic alphabet, speech assessment methods phonetic alphab
et, free, online, learn English, speak English" />
<meta property="og:image" content="http://www.i2speak.com/i2Speak.png"/>
<link rel="shortcut icon" href="/css/favicon.ico" type="image/x-icon" />
<link rel="stylesheet" href="DevSDK/css/i2template.css" type="text/css" />
<link rel="stylesheet" href="/css/i2speak.css?2" type="text/css" /><link rel="
stylesheet" href="/JQTabs/JQTabs.css" type="text/css" /><link rel="stylesheet" href=
"/css/tTip.css" type="text/css" />

<script type="text/javascript" src="http://ajax.googleapis.com/ajax/libs/jquer
y/1.4.3/jquery.min.js"></script>
<script type="text/javascript" src="/js/min/jquery.form.min.js"></script>

<script type="text/javascript">
//
$(document).ready(function() {

download_url = "http://www.i2speak.com/i2speak_download"
_active_language = "Smart IPA"
init("");

$(".tTip").betterTooltip({speed: 150, delay: 300});

/*-- start tabs --*/
//Default Action
$(".tab_content").hide(); //Hide all content
$(".ul.tabs li:first").addClass("active").show(); //Activate first tab
$(".tab_content:first").show(); //Show first tab content

//On Click Event
$(".ul.tabs li").click(function() {
var defSelection = "Smart IPA";
load_keyboard(defSelection);
$(".ul.tabs li").removeClass("active"); //Remove any "active" class
$(this).addClass("active"); //Add "active" class to selected tab
$(".tab_content").hide(); //Hide all tab content
var activeTab = $(this).find("a").attr("href"); //Find the rel attribute v
alue to identify the active tab + content
$(activeTab).fadeIn(); //Fade in the active content

updateListBox("ListBox_Languages", defSelection);
$("#autoComplete").hide();

return false;
});
/*-- end tabs --*/

/*-- start popup --*/
$(".a.poplight[href^=#]").click(function() {
var popID = $(this).attr("rel"); //Get Popup Name
var popURL = $(this).attr("href"); //Get Popup href to define size
</pre>
<hr/>
</div>
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//Pull Query & Variables from href URL
var query= popURL.split("?");
var dim= query[1].split("&");
var popWidth = dim[0].split("=")[1]; //Gets the first query string value

//Fade in the Popup and add close button
$("#" + popID).fadeIn().css({ "width": Number( popWidth ) }).prepend('<a href="#" class="close"></a>');

//Define margin for center alignment (vertical horizontal) - we add 80px
to the height/width to accomodate for the padding and border width defined in the
css
var popMargTop = ($("#" + popID).height() + 80) / 2;
var popMargLeft = ($("#" + popID).width() + 80) / 2;

//Apply Margin to Popup
$("#" + popID).css({
    "margin-top" : -popMargTop,
    "margin-left" : -popMargLeft
});

//Fade in Background
$("body").append('<div id="fade"></div>'); //Add the fade layer to bottom
of the body tag.
$("#fade").css({"filter" : "alpha(opacity=80)"}).fadeIn(); //Fade in the f
ade layer - .css({"filter" : "alpha(opacity=80)"} is used to fix the IE Bug on fadi
ng transparencies

    return false;
});

//Close Popups and Fade Layer
$("a.close, #fade").live("click", function() { //When clicking on the close
or fade layer...
    $("#fade , .popup_block").fadeOut(function() {
        $("#fade, a.close").remove(); //fade them both out
    });
    return false;
});
/*-- end popup --*/

jQuery.fn.extend({
    insertAtCaret: function(myValue) {
        return this.each(function(i) {
            if (document.selection) {
                this.focus();
                sel = document.selection.createRange();
                sel.text = myValue;
                this.focus();
            }
            else if (this.selectionStart || this.selectionStart == "0") {
                var startPos = this.selectionStart;
                var endPos = this.selectionEnd;
                var scrollTop = this.scrollTop;
                this.value = this.value.substring(0, startPos)+myValue+this.value.subs
tring(endPos,this.value.length);
                this.focus();
                this.selectionStart = startPos + myValue.length;
                this.selectionEnd = startPos + myValue.length;
                this.scrollTop = scrollTop;
            } else {
                this.value += myValue;
                this.focus();
            }
        })
    }
});

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});

$("#as_text").hide();
$("#as_unicode").show();

$("#as_unicode").live("click" , function() {
    $("#preview").css({"font-size":"21px", "color":"#000"});
    $("#preview").attr("disabled", true);
    var hex = "";
    var hexCode = "";
    var input = $("#preview").val();
    for(var i = 0; i < input.length; ++i)
    {
        // when read a unicode from textarea, it returns it as %uxxxx
        var unicode = escape(input[i]);
        if((unicode[0] == "%") && (unicode[1] == "u"))
        {
            hexCode = unicode.replace("%u", "&#x") + ";";
        }
        else
        {
            hexCode = input[i];
        }

        // unicode to dec
        //hexCode = unicode2dec(unicode);

        hex += hexCode;
    }
    $("#preview").val(hex);
    $("#as_unicode").hide();
    $("#as_text").show();
});

$("#as_text").live("click" , function() {
    $("#preview").css({"font-size":_font_size, "color":"#FF0054"});
    $("#preview").removeAttr("disabled");
    var hex = "";
    var input = $("#preview").val();
    input = input.replace(new RegExp("&#x", "g"), "%u");
    input = input.replace(new RegExp(";", "g"), "");
    input = unescape(input);
    $("#preview").val(input);
    $("#as_text").hide();
    $("#as_unicode").show();
});

$("#download").live("click" , function() {
    $("#server_job").val("0");
    $("#font_size").val(_font_size);
    $(this).css({"opacity":"0.2"});
});

$("#snapshot").live("click" , function() {
    $("#server_job").val("1");
    $("#font_size").val(_font_size);
    $("#i2speak_form").submit();
});

$("#a#Google").click(function () {
    var query = $("#preview").val().replace(/\s+/g, "+");
    var url = "http://www.google.com/search?hl=en&q=" + query;
    $(this).attr("href", url);
});
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        var query = $("#preview").val().replace(/\s+/g, "+");
        var url = "http://www.YouTube.com/results?search_query=" + query;
        $(this).attr("href", url);
    });

    $("#a#Flickr").click(function () {
        var query = $("#preview").val().replace(/\s+/g, "+");
        var url = "http://www.Flickr.com/search/?q=" + query;
        $(this).attr("href", url);
    });

    $("#a#Bing").click(function () {
        var query = $("#preview").val().replace(/\s+/g, "+");
        var url = "http://www.bing.com/search?q=" + query;
        $(this).attr("href", url);
    });

    $("#a#Wikipedia").click(function () {
        var query = $("#preview").val().replace(/\s+/g, "+");
        var url = "http://www.wikipedia.com/wiki/Special:Search?search=" + query;
        $(this).attr("href", url);
    });

    $("#a#Twitter").click(function () {
        //var query = $("#preview").val().replace(/\s+/g, "+");
        var query = encodeURIComponent($("#preview").val());
        //var url = "http://www.Twitter.com/#!/search/" + query;
        var url = "http://twitter.com/intent/tweet?text=" + query + "&via=Sciweave
rs";

        window.location = url;
        return false; // prevents the initial url from being called
    });

    $("#a#Facebook").click(function () {
        var query = $("#preview").val().replace(/\s+/g, "+");
        //var url = "http://www.Facebook.com/search?hl=en&q=" + query;
        var url = "http://www.facebook.com/dialog/feed?app_id=199741253396111&message=" + query + "&redirect_uri=http://www.sciweavers.org/i2type";
        alert("This button will ONLY launches Facebook post dialog. You have to Copy & Paste your typed message manually. This is a Facebook new security restriction :(");
        $(this).attr("href", url);
    });

    $("#preview").keypress(function () {
        $(this).change();
    });

    $("#preview").keyup(function () {
        updateCharCount();
    });

    $("#preview").keydown(function () {
        updateCharCount();
    });

    // backlog
    $("#preview").change(function () {
        updateCharCount();
        //$("#i2speak_form").submit();
    });

    var options_i2speak_upload_form = {

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url:      "/process_form_i2speak",
type:     "post",
};

$("#i2speak_form").submit(function() {

    $(this).ajaxSubmit(options_i2speak_upload_form);
    return false;
});

//
// Load to Clipboard
//
ZeroClipboard.setMoviePath("/zeroclipboard/ZeroClipboard.swf");

var clip = new ZeroClipboard.Client();

clip.addEventListener("mousedown",function() {
    clip.setText($("#preview").val());
});

clip.addEventListener("complete",function(client,text) {
    $("#preview").fadeOut(250);
    //$("#copy_status").html("Copied to Clipboard").fadeIn(250);
    $("#downloadFile").val("0");
    $("#i2speak_form").submit();
    $("#preview").fadeIn(250);
    $("#copy_status").fadeOut(250);
});

clip.glue("copy_button", "copy_button_container");

$("#hide_banner").click(function() {
    $("#iBanner").slideUp(700);
});
//]]>
});
</script>

<!--[if lt IE 7]>
<style media="screen" type="text/css">
#iPage {
    height:100%;
}
</style>
<![endif]-->
</head>
<body>
<div id="sci2ools_menu"><a href="http://www.sciweavers.org/sci2ools" title="More Free Tools"></a></div><div id="iPage" class="footer_height"><h1>Free Online IPA Keyboard - International Phonetic Alphabet - Phonetics Keyboard - ESL - SAMPA keyboard</h1><div id="iHeader">
    <a href="http://www.i2speak.com"></a>

</div><div class="iContent"><div class="pageWidth"><a name="Top" href="#"></a><div id="Top"><a href="#Top" title="Top of Page" onclick="hideBanner();"></a></div><div style="text-align:center;"><script async src="http://pagead2.googlesyndication.com/pagead/js/adsbygoogle.js"></script>
<!-- 728x90 Middle -->
<ins class="adsbygoogle"
    style="display:inline-block;width:728px;height:90px"
    data-ad-client="ca-pub-5930435762906662"
    data-ad-slot="1830010609"></ins>
```

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(adsbygoogle = window.adsbygoogle || []).push({});
</script></div><div class="headline">Write phonetics using English alphabet
then search the web or post to social networks by clicking the appropriate button</div><div id="IE_Msg"></div><div class="clearBoth"></div><div>
  <form id="i2speak_form" action="/process_form_i2speak/1558407773" method="post" enctype="multipart/form-data">
    <div class="iContentTypes" id="service_options">
      <div id="iWall">
        <div class="iService"><span>search</span><a target="_blank" id="Google"
href="http://www.google.com"> </a></div>
        <div class="iService"><span>Search</span> <a target="_blank" id="Bing"
href="http://www.bing.com"> </a></div>
        <div class="iService"><span>search</span><a target="_blank" id="YouTube"
href="http://www.youtube.com"> </a></div>
        <div class="iService"><span>search</span><a target="_blank" id="Flickr"
href="http://www.flickr.com"> </a></div>
        <div class="iService"><span>search</span><a target="_blank" id="Wikipedia"
href="http://www.wikipedia.com"></a></div>
        <div class="iService"><span>post</span> <a target="_blank" id="Twitter"
href="http://www.twitter.com"> </a></div>
        <div class="iService"><span>post</span> <a target="_blank" id="Facebook"
href="http://www.facebook.com"> </a></div>
      <div style="clear:both;"></div>
    </div>
    <div class="headline">Type the roman letter (ex: u) that has the same phonetic
sound or shape (ex: &#x028A;). Try typing "a\"", "a/", "a_", or "a^" to add diacritics or tones fast</div><div id="ikeybrd"><div id="popup_help" class="popup_block"><div class="styleBtn helpBtn"><div class="english">a</div> <div class="unicode">&#x0251;/&#x0252;/&#x0250;/&aelig;/&#x0276;/&alpha;</div></div><div class="styleBtn helpBtn"><div class="english">b</div> <div class="unicode">&#x0299;/&beta;/&#x0253;/&#x025E;</div></div><div class="styleBtn helpBtn"><div class="english">c</div> <div class="unicode">&#x0254;/&ccedil;/&#x0276;/&#x0255;/&#x010D;</div></div><div class="styleBtn helpBtn"><div class="english">d</div> <div class="unicode">&#x0256;/&#x0257;/&#x1E0D;/&#x00F0;</div></div><div class="styleBtn helpBtn"><div class="english">e</div> <div class="unicode">&#x0259;/&#x025A;/&#x0258;/&#x1EB9;/&#x025B;/&#x025C;/&epsilon;</div></div><div class="styleBtn helpBtn"><div class="english">f</div> <div class="unicode">&#x0278;/&#x0284;/&#x025F;</div></div><div class="styleBtn helpBtn"><div class="english">g</div> <div class="unicode">&#x0260;/&#x0261;/&#x0262;/&#x029B;/&gamma;/&#x0263;</div></div><div class="styleBtn helpBtn"><div class="english">h</div> <div class="unicode">&#x0127;/&#x0266;/&#x0265;/&#x029C;/&#x0267;/&#x1E27;/&#x02B0;</div></div><div class="styleBtn helpBtn"><div class="english">i</div> <div class="unicode">&#x026A;/&#x0268;/&#x026A;/&#x0308;</div></div><div class="styleBtn helpBtn"><div class="english">j</div> <div class="unicode">&#x025F;/&#x029D;/&#x01F0;/&#x02B2;</div></div><div class="styleBtn helpBtn"><div class="english">l</div> <div class="unicode">&#x029F;/&#x026D;/&#x026E;/&#x026B;/&#x026C;</div></div><div class="styleBtn helpBtn"><div class="english">m</div> <div class="unicode">&#x0271;/&#x026F;/&#x0270;</div></div><div class="styleBtn helpBtn"><div class="english">n</div> <div class="unicode">&#x014B;/&#x0272;/&#x0273;/&#x1E47;/&ntilde;</div></div><div class="styleBtn helpBtn"><div class="english">o</div> <div class="unicode">&#x0254;/&#x0153;/&#x0252;/&ouml;/&#x1ECD;</div></div><div class="styleBtn helpBtn"><div class="english">p</div> <div class="unicode">&#x0278;</div></div><div class="styleBtn helpBtn"><div class="english">r</div> <div class="unicode">&#x0279;/&#x0280;/&#x0281;/&#x027E;/&#x027D;</div></div><div class="styleBtn helpBtn"><div class="english">s</div> <div class="unicode">&#x0283;/&#x0282;/&#x0161;/&#x0284;/&#x015B;/&#x1E63;</div></div><div class="styleBtn helpBtn"><div class="english">t</div> <div class="unicode">&theta;/&#x00F0;/&#x0288;/&#x1E6D;</div></div><div class="styleBtn helpBtn"><div class="english">u</div> <div class="unicode">&#x028A;/&uuml;/&#x0289;</div></div><div class="styleBtn helpBtn"><div class="english">v</div> <div class="unicode">&#x028B;/&#x028C;</div></div><div class="styleBtn helpBtn"><div class="english">w</div> <div class="unicode">
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```
<td class="e"></td>
<td><input type="button" class="button silver key ipa" value="&#x0271;" /></td>
<td class="e"></td>
<td class="e"></td>
<td class="e"></td>
<td><input type="button" class="button silver key ipa tTip" title="<b>n</b>o, te
<b>n</b>" value="n" /></td>
<td class="e"></td>
<td class="e"></td>
<td class="e"></td>
<td><input type="button" class="button silver key ipa" value="&#x0273;" /></td>
</tr>
<tr class="tr">
<td class="tL">Trill</td>
<td class="e"></td>
<td><input type="button" class="button silver key ipa" value="&#x0299;" /></td>
<td class="e"></td>
<td class="e"></td>
<td class="e"></td>
<td class="e"></td>
<td class="e"></td>
<td><input type="button" class="button silver key ipa tTip" title="<b>r</b>ed, t
<b>r</b>y" value="r" /></td>
<td class="e"></td>
<td class="e"></td>
<td class="e"></td>
<td class="e"></td>
</tr>
<tr class="tr">
<td class="tL">Tap or Flap</td>
<td class="e"></td>
<td class="e"></td>
<td class="e"></td>
<td><input type="button" class="button silver keytone tone" style="" value="&#x
2C71;" /></td>
<td class="e"></td>
<td class="e"></td>
<td class="e"></td>
<td><input type="button" class="button silver key ipa" value="&#x027E;" /></td>

<td class="e"></td>
<td class="e"></td>
<td class="e"></td>
<td><input type="button" class="button silver key ipa" value="&#x027D;" /></td>
</tr>
<tr class="tr">
<td class="tL">Fricative</td>
<td><input type="button" class="button silver key ipa" value="&#x0278;" /></td>
<td><input type="button" class="button silver key ipa" value="&#x03B2;" /></td>
<td><input type="button" class="button silver key ipa tTip" title="<b>f</b>ish,
<b>f</b>ind" value="f" /></td>
<td><input type="button" class="button silver key ipa tTip" title="<b>v</b>oice,
fi<b>v</b>e" value="v" /></td>
<td><input type="button" class="button silver key ipa tTip" title="<b>th</b>ink,
bo<b>th</b>" value="&#x03B8;" /></td>
<td><input type="button" class="button silver key ipa tTip" title="<b>th</b>is,
mo<b>th</b>er" value="&#x00F0;" /></td>
<td><input type="button" class="button silver key ipa tTip" title="<b>s</b>un, m
i<b>ss</b>" value="s" /></td>
<td><input type="button" class="button silver key ipa tTip" title="<b>z</b>oo, l
a<b>z</b>y" value="z" /></td>
<td><input type="button" class="button silver key ipa tTip" title="<b>sh</b>e, c
ra<b>sh</b>" value="&#x0283;" /></td>
<td><input type="button" class="button silver key ipa tTip" title="plea<b>s</b>u
re, vi<b>s</b>ion" value="&#x0292;" /></td>
<td><input type="button" class="button silver key ipa" value="&#x0282;" /></td>
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</tr>
<tr class="tr">
  <td class="tL">L. Fricative</td>
  <td class="f"></td>
  <td class="f"></td>
  <td class="f"></td>
  <td class="f"></td>
  <td class="e"></td>
  <td class="e"></td>
  <td><input type="button" class="button silver key ipa" value="&#x026C;" /></td>
  <td><input type="button" class="button silver key ipa" value="&#x026E;" /></td>
  <td class="e"></td>
  <td class="e"></td>
  <td class="e"></td>
  <td class="e"></td>
</tr>
<tr class="tr">
  <td class="tL">Approximant</td>
  <td class="e"></td>
  <td class="e"></td>
  <td class="e"></td>
  <td><input type="button" class="button silver key ipa" value="&#x028B;" /></td>
  <td class="e"></td>
  <td class="e"></td>
  <td class="e"></td>
  <td><input type="button" class="button silver key ipa" value="&#x0279;" /></td>
  <td class="e"></td>
  <td class="e"></td>
  <td class="e"></td>
  <td><input type="button" class="button silver key ipa" value="&#x027B;" /></td>
</tr>
<tr class="tr">
  <td class="tL">L. Approx.</td>
  <td class="f"></td>
  <td class="f"></td>
  <td class="f"></td>
  <td class="f"></td>
  <td class="e"></td>
  <td class="e"></td>
  <td class="e"></td>
  <td><input type="button" class="button silver key ipa tTip" title="<b>l</b>eg, l
itt<b>l</b>e" value="l" /></td>
  <td class="e"></td>
  <td class="e"></td>
  <td class="e"></td>
  <td><input type="button" class="button silver key ipa" value="&#x026D;" /></td>
</tr>
</table>
  </div>
</div>

  <div id="tab3" class="tab_content" style="display:none;">
    <div>

<table border="0" cellpadding="0" cellspacing="0" style="margin:20px 0 10px 100px;">
  <tr>
    <td></td>
    <td class="tT" colspan="2">Palatal</td>
    <td class="tT" colspan="2">Velar</td>
    <td class="tT" colspan="2">Uvular</td>
    <td class="tT" colspan="2">Pharyngeal</td>
    <td class="tT" colspan="2">Glottal</td>
  </tr>
  <tr class="tr">

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        <td><input type="button" class="button silver key ipa" value="c" /></td>
        <td><input type="button" class="button silver key ipa" value="&#x025F;" /></td>
        <td><input type="button" class="button silver key ipa tTip" title="<b>c</b>at, <
b>k</b>ey" value="k" /></td>
        <td><input type="button" class="button silver key ipa tTip" title="<b>g</b>et, <
b>g</b>um" value="&#x0261;" /></td>
        <td><input type="button" class="button silver key ipa" value="q" /></td>
        <td><input type="button" class="button silver key ipa" value="&#x0262;" /></td>
        <td class="e"></td>
        <td class="f"></td>
        <td><input type="button" class="button silver key ipa" value="&#x0294;" /></td>
        <td class="f"></td>
    </tr>
    <tr class="tr">
        <td class="tL">Nasal</td>
        <td class="e"></td>
        <td><input type="button" class="button silver key ipa" value="&#x0272;" /></td>
        <td class="e"></td>
        <td><input type="button" class="button silver key ipa tTip" title="si<b>n</b>g,
fi<b>n</b>ger" value="&#x014B;" /></td>
        <td class="e"></td>
        <td><input type="button" class="button silver key ipa" value="&#x0274;" /></td>
        <td class="f"></td>
        <td class="f"></td>
        <td class="f"></td>
        <td class="f"></td>
    </tr>
    <tr class="tr">
        <td class="tL">Trill</td>
        <td class="e"></td>
        <td class="e"></td>
        <td class="f"></td>
        <td class="f"></td>
        <td class="e"></td>
        <td><input type="button" class="button silver key ipa" value="&#x0280;" /></td>
        <td class="e"></td>
        <td class="e"></td>
        <td class="f"></td>
        <td class="f"></td>
    </tr>
    <tr class="tr">
        <td class="tL">Tap or Flap</td>
        <td class="e"></td>
        <td class="e"></td>
        <td class="f"></td>
        <td class="f"></td>
        <td class="e"></td>
        <td class="e"></td>
        <td class="e"></td>
        <td class="e"></td>
        <td class="e"></td>
        <td class="f"></td>
        <td class="f"></td>
    </tr>
    <tr class="tr">
        <td class="tL">Fricative</td>
        <td><input type="button" class="button silver key ipa" value="&#x00E7;" /></td>
        <td><input type="button" class="button silver key ipa" value="&#x029D;" /></td>
        <td><input type="button" class="button silver key ipa" value="x" /></td>
        <td><input type="button" class="button silver key ipa" value="&#x0263;" /></td>
        <td><input type="button" class="button silver key ipa" value="&#x03C7;" /></td>
        <td><input type="button" class="button silver key ipa" value="&#x0281;" /></td>
        <td><input type="button" class="button silver key ipa" value="&#x0127;" /></td>
        <td><input type="button" class="button silver key ipa" value="&#x0295;" /></td>
        <td><input type="button" class="button silver key ipa" value="h" /></td>
        <td><input type="button" class="button silver key ipa" value="&#x0266;" /></td>
    </tr>

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```

        <td class="tL">L. Fricative</td>
        <td class="e"></td>
        <td class="e"></td>
        <td class="e"></td>
        <td class="e"></td>
        <td class="e"></td>
        <td class="e"></td>
        <td class="f"></td>
        <td class="f"></td>
        <td class="f"></td>
        <td class="f"></td>
    </tr>
    <tr class="tr">
        <td class="tL">Approximant</td>
        <td class="e"></td>
        <td><input type="button" class="button silver key ipa tTip" title="<b>y</b>es, <
b>y</b>ellow" value="j" /></td>
        <td class="e"></td>
        <td><input type="button" class="button silver key ipa" value="&#x0270;" /></td>
        <td class="e"></td>
        <td class="e"></td>
        <td class="e"></td>
        <td class="e"></td>
        <td class="f"></td>
        <td class="f"></td>
    </tr>
    <tr class="tr">
        <td class="tL">L. Approx.</td>
        <td class="e"></td>
        <td><input type="button" class="button silver key ipa" value="&#x028E;" /></td>
        <td class="e"></td>
        <td><input type="button" class="button silver key ipa" value="&#x029F;" /></td>
        <td class="e"></td>
        <td class="e"></td>
        <td class="f"></td>
        <td class="f"></td>
        <td class="f"></td>
        <td class="f"></td>
    </tr>
</table>
    </div>
</div>

    <div id="tab4" class="tab_content" style="display:none;">
        <div>

<table border="0" cellpadding="0" cellspacing="0" style="margin:20px 0 10px 240px;">

    <tr class="tr">
        <td class="tL">Clicks</td>
        <td><input type="button" class="button silver key ipa" value="&#x0298;" /></td>
        <td><input type="button" class="button silver key ipa" value="&#x01C0;" /></td>
        <td><input type="button" class="button silver key ipa" value="&#x01C3;" /></td>
        <td><input type="button" class="button silver key ipa" value="&#x01C2;" /></td>
        <td><input type="button" class="button silver key ipa" value="&#x01C1;" /></td>
    </tr>
    <tr class="tr">
        <td class="tL">Voiced Implosives</td>
        <td><input type="button" class="button silver key ipa" value="&#x0253;" /></td>
        <td><input type="button" class="button silver key ipa" value="&#x0257;" /></td>
        <td><input type="button" class="button silver key ipa" value="&#x0284;" /></td>
        <td><input type="button" class="button silver key ipa" value="&#x0260;" /></td>
        <td><input type="button" class="button silver key ipa" value="&#x029B;" /></td>
    </tr>
    <tr class="tr">
        <td class="tL">Ejectives</td>

```

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        <td><input type="button" class="button silver key ipa" value="p&#x2019;" /></td>
    >
        <td><input type="button" class="button silver key ipa" value="k&#x2019;" /></td>
    >
        <td><input type="button" class="button silver key ipa" value="s&#x2019;" /></td>
        <td><input type="button" class="button silver key ipa" value="t&#x2019;" /></td>
    </tr>
</table>
    </div>
</div>

    <div id="tab5" class="tab_content" style="display:none;">
        <div>

<table border="0" cellpadding="0" cellspacing="0" style="margin-top:20px; margin-left:20px; width:800px;">
    <tr>
        <td></td>
        <td class="tT" >Front</td>
        <td class="tT" >Central</td>
        <td class="tT" >Back</td>
    </tr>
    <tr class="tr" style="height:130px;">
        <td class="tL">Close</td>
        <td colspan="3" rowspan="4"><div style="padding:20px; height:450px;"><div style="position:relative; margin-bottom:20px;"><div style="position:absolute;"><div><input type="button" class="button silver key circle" value="i" /><input type="text" class="dot" /><input type="button" class="button silver key circle" value="y" /><input type="button" class="button silver key circle" style="margin-left:80px;" value="&#x0268;" /><input type="text" class="dot" /><input type="button" class="button silver key circle" value="&#x0289;" /><input type="button" class="button silver key circle" style="margin-left:130px;" value="&#x026F;" /><input type="text" class="dot" /><input type="button" class="button silver key circle" value="u" /></div><div class="clear"></div><div style="margin-top:10px;"><input type="button" class="button silver key circle tTip" title="h<b>i</b>t, s<b>i</b>tting" style="margin-left:120px;" value="&#x026A;" /><input type="button" class="button silver key circle tTip" title="p<b>u</b>t, s<b>oo</b>t" style="margin-left:180px;" value="&#x028A;" /></div><div class="clear"></div><div style="margin-top:10px;"><input type="button" class="button silver key circle tTip" title="m<b>e</b>t, b<b>e</b>d" style="margin-left:60px;" value="e" /><input type="text" class="dot" /><input type="button" class="button silver key circle" value="&#x00F8;" /><input type="button" class="button silver key circle" style="margin-left:60px;" value="&#x0258;" /><input type="text" class="dot" /><input type="button" class="button silver key circle" value="&#x0275;" /><input type="button" class="button silver key circle" style="margin-left:90px;" value="&#x0264;" /><input type="text" class="dot" /><input type="button" class="button silver key circle" value="o" /></div><div class="clear"></div><div style="margin-top:10px;"><input type="button" class="button silver key circle tTip" title="<b>a</b>way, <b>a</b>bout" style="background:#FF1774; color:#fff; text-shadow:0 1px -1px #999; margin-left:310px;" value="&#x0259;" /></div><div class="clear"></div><div style="margin-top:10px;"><input type="button" class="button silver key circle" style="margin-left:120px;" value="&#x025B;" /><input type="text" class="dot" /><input type="button" class="button silver key circle" value="&#x0153;" /><input type="button" class="button silver key circle" style="margin-left:40px;" value="&#x025C;" /><input type="text" class="dot" /><input type="button" class="button silver key circle" value="&#x025E;" /><input type="button" class="button silver key circle tTip" title="c<b>u</b>p, l<b>u</b>ck" style="margin-left:50px;" value="&#x028C;" /><input type="text" class="dot" /><input type="button" class="button silver key circle" value="&#x0254;" /></div><div class="clear"></div><div style="margin-top:10px;"><input type="button" class="button silver key circle tTip" title="c<b>a</b>t, bl<b>a</b>ck" style="margin-left:150px;" value="&#x00E6;" /><input type="button" class="button silver key circle" style="margin-left:150px;" value="&#x0250;" /></div><div class="clear"></div><div style="margin-top:10px;"><input type="button" class="button silver key circle" style="margin-left:190px;" value="a" /><input type="text" class="dot" /><input type="button" class="button silver key circle" value="&#x0276;" /><input type="button" class="button silver key circle" style="margin

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<tr class="tr" style="height:130px;">
  <td class="tL">Close-mid</td>
</tr>
<tr class="tr" style="height:130px;">
  <td class="tL">Open-mid</td>
</tr>
<tr class="tr" style="height:130px;">
  <td class="tL">Open</td>
</tr>
</table>
  </div>
</div>

  <div id="tab6" class="tab_content" style="display:none;">
    <div>

<table border="0" cellpadding="0" cellspacing="0" style="margin:20px 0 10px 140px;">

  <tr>
    <td><input type="button" class="button silver key diac" value="#x02C8;" /></td>
    <td><input type="button" class="button silver key diac" value="#x02CC;" /></td>
    <td><input type="button" class="button silver key diac" value="#x02D0;" /></td>
    <td><input type="button" class="button silver key diac" value="#x02D1;" /></td>
    <td><input type="button" class="button silver key diac" value="#x0306;" /></td>
    <td><input type="button" class="button silver key diac" value="|" /></td>
    <td><input type="button" class="button silver key diac" value="#x2016;" /></td>
    <td><input type="button" class="button silver key diac" value="." /></td>
    <td><input type="button" class="button silver key diac" value="#x203F;" /></td>
  </tr>
</table>
    </div>
  </div>

  <div id="tab7" class="tab_content" style="display:none;">
    <div>

<table border="0" cellpadding="0" cellspacing="0" style="margin:20px 0 10px 60px;">
  <tr>
    <td><input type="button" class="button silver key diac" value="#x0325;" /></td>
    <td><input type="button" class="button silver key diac" value="#x032C;" /></td>
    <td><input type="button" class="button silver key diac" value="#x0339;" /></td>
    <td><input type="button" class="button silver key diac" value="#x031C;" /></td>
    <td><input type="button" class="button silver key diac" value="#x031F;" /></td>
    <td><input type="button" class="button silver key diac" value="#x0320;" /></td>
    <td><input type="button" class="button silver key diac" value="#x0329;" /></td>
    <td><input type="button" class="button silver key diac" value="#x032F;" /></td>
    <td><input type="button" class="button silver key diac" value="#x0324;" /></td>
    <td><input type="button" class="button silver key diac" value="#x0330;" /></td>
    <td><input type="button" class="button silver key diac" value="#x033C;" /></td>
  </tr>
  <tr>
    <td><input type="button" class="button silver key diac" value="#x031D;" /></td>
    <td><input type="button" class="button silver key diac" value="#x031E;" /></td>
    <td><input type="button" class="button silver key diac" value="#x0318;" /></td>
    <td><input type="button" class="button silver key diac" value="#x0319;" /></td>
    <td><input type="button" class="button silver key diac" value="#x032A;" /></td>
    <td><input type="button" class="button silver key diac" value="#x033A;" /></td>
    <td><input type="button" class="button silver key diac" value="#x033B;" /></td>
    <td><input type="button" class="button silver key diac" value="#x030A;" /></td>
    <td><input type="button" class="button silver key diac" value="#x0308;" /></td>
    <td><input type="button" class="button silver key diac" value="#x033D;" /></td>
    <td><input type="button" class="button silver key diac" value="#x0303;" /></td>
  </tr>
  <tr>
    <td><input type="button" class="button silver key diac" value="#x031A;" /></td>
    <td><input type="button" class="button silver key diac" value="#x02B0;" /></td>

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<td><input type="button" class="button silver key diac" value="#x02B2;" /></td>
<td><input type="button" class="button silver key diac" value="#x02E0;" /></td>
<td><input type="button" class="button silver key diac" value="#x02E4;" /></td>
<td><input type="button" class="button silver key diac" value="#x207F;" /></td>
<td><input type="button" class="button silver key diac" value="#x02E1;" /></td>
<td><input type="button" class="button silver key diac" value="#x02DE;" /></td>
<td><input type="button" class="button silver key diac" value="#x0334;" /></td>
</tr>
</table>
    </div>
</div>

    <div id="tab8" class="tab_content" style="display:none;">
        <div>

<table border="0" cellpadding="0" cellspacing="0" style="margin:20px 0 10px 260px;">

    <tr>
        <td><input type="button" class="button silver key diac" value="#x030B;" /></td>
        <td><input type="button" class="button silver key diac" value="#x0301;" /></td>
        <td><input type="button" class="button silver key diac" value="#x0304;" /></td>
        <td><input type="button" class="button silver key diac" value="#x0300;" /></td>
        <td><input type="button" class="button silver key diac" value="#x030F;" /></td>
    </tr>
    <tr>
        <td><input type="button" class="button silver key diac" value="#x02E5;" /></td>

        <td><input type="button" class="button silver key diac" value="#x02E6;" /></td>

        <td><input type="button" class="button silver key diac" value="#x02E7;" /></td>

        <td><input type="button" class="button silver key diac" value="#x02E8;" /></td>

        <td><input type="button" class="button silver key diac" value="#x02E9;" /></td>
    </tr>
    <tr>
        <td><input type="button" class="button silver key diac" value="#x2191;" /></td>
        <td><input type="button" class="button silver key diac" value="#x2197;" /></td>

        <td><input type="button" class="button silver key diac" value="#x2192;" /></td>

        <td><input type="button" class="button silver key diac" value="#x2198;" /></td>
        <td><input type="button" class="button silver key diac" value="#x2193;" /></td>

    </tr>
</table>
    </div>
</div>

    <div id="tab9" class="tab_content" style="display:none;">
        <div>

<table border="0" cellpadding="0" cellspacing="0" style="margin:20px 0 10px 180px;">

    <tr>
        <td><input type="button" class="button silver key diac" value="#x0255;" /></td>
        <td><input type="button" class="button silver key diac" value="#x028D;" /></td>
        <td><input type="button" class="button silver key diac" value="#x0265;" /></td>
        <td><input type="button" class="button silver key diac" value="#x029C;" /></td>
        <td><input type="button" class="button silver key diac" value="#x02A2;" /></td>
        <td><input type="button" class="button silver key diac" value="#x03C7;" /></td>
        <td><input type="button" class="button silver key diac" value="#x0361;" /></td>
        <td><input type="button" class="button silver key diac" value="t#x0361;#x0283;"
/></td>
    </tr>
    <tr>
```

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<td><input type="button" class="button silver key diac" value="#x0267;" /></td>
<td><input type="button" class="button silver key diac" value="#x02A1;" /></td>
<td><input type="button" class="button silver key diac" value="#x0283;" /></td>

<td><input type="button" class="button silver key diac" value="#x035C;" /></td>
<td><input type="button" class="button silver key diac" value="t#x0361;s" /></td>

<td><input type="button" class="button silver key diac" value="k#x0361;p" /></td>

</tr>
</table>
</div>
</div>
<div id="tab10" class="tab_content" style="display:none;">
<div>
<table border="0" cellpadding="0" cellspacing="0" style="margin:20px 0 1
0px 150px;">
<tr>
<td></td>
<td class="tT xT">t<b>a</b>me</td>
<td class="tT xT">s<b>i</b>de</td>
<td class="tT xT">c<b>o</b>w</td>
<td class="tT xT">l<b>o</b>ad</td>
<td class="tT xT">b<b>o</b>y</td>
<td class="tT xT">b<b>a</b>re</td>
<td class="tT xT">h<b>e</b>re</td>
<td class="tT xT">p<b>oo</b>r</td>
</tr>
<tr class="tr">
<td class="tL flag"> United Kingdom</td>
<td><input type="button" class="button silver key ipa tTip" value="e#x026A;" ti
tle="t<b>a</b>me, l<b>a</b>te" /></td>
<td><input type="button" class="button silver key ipa tTip" value="a#x026A;" ti
tle="s<b>i</b>de, f<b>i</b>ght" /></td>
<td><input type="button" class="button silver key ipa tTip" value="a#x028A;" ti
tle="c<b>o</b>w, l<b>o</b>ud" /></td>
<td><input type="button" class="button silver key ipa tTip" value="#x0259;&#x02
8A;" title="l<b>o</b>ad, n<b>o</b>se" /></td>
<td><input type="button" class="button silver key ipa tTip" value="#x0254;&#x02
6A;" title="b<b>o</b>y, n<b>o</b>ise" /></td>
<td><input type="button" class="button silver key ipa tTip" value="e#x0259;" t
itle="b<b>a</b>re, squ<b>a</b>re" /></td>
<td><input type="button" class="button silver key ipa tTip" value="#x026A;&#x02
59;" title="h<b>e</b>re, f<b>e</b>ared" /></td>
<td><input type="button" class="button silver key ipa tTip" value="#x028A;&#x02
59;" title="p<b>oo</b>r, c<b>u</b>re" /></td>
</tr>
</table><div style="margin-bottom:30px;"></div>
<table border="0" cellpadding="0" cellspacing="0" style="margin:20px 0 10px 10px;">
<tr>
<td></td>
<td class="tT xT">f<b>a</b>ce</td>
<td class="tT xT">pr<b>i</b>ce</td>
<td class="tT xT">ch<b>oi</b>ce</td>
<td class="tT xT">m<b>ou</b>th</td>
<td class="tT xT">g<b>oa</b>t</td>
<td class="tT xT">n<b>ea</b>r</td>
<td class="tT xT">sq<b>ua</b>re</td>
<td class="tT xT">c<b>u</b>re</td>
<td class="tT xT">f<b>o</b>rce</td>
<td class="tT xT">st<b>a</b>rt</td>
<td class="tT xT">l<b>ia</b>r</td>
<td class="tT xT">l<b>awy</b>er</td>
<td class="tT xT">p<b>owe</b>r</td>
<td class="tT xT">l<b>owe</b>r</td>

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    <td class="tL flag"> USA</td>
    <td><input type="button" class="button silver key ipa" value="e&#x026A;" /></td>
    <td><input type="button" class="button silver key ipa" value="a&#x026A;" /></td>
    <td><input type="button" class="button silver key ipa" value="&#x0254;&#x026A;" /></td>
    <td><input type="button" class="button silver key ipa" value="a&#x028A;" /></td>
    <td><input type="button" class="button silver key ipa" value="o&#x028A;" /></td>
    <td><input type="button" class="button silver key ipa" value="&#x026A;&#x025A;" /></td>
    <td><input type="button" class="button silver key ipa" value="&#x025B;&#x025A;" /></td>
    <td><input type="button" class="button silver key ipa" value="&#x028A;&#x025A;" /></td>
    <td><input type="button" class="button silver key ipa" value="&#x0254;&#x025A;" /></td>
    <td><input type="button" class="button silver key ipa" value="&#x0251;&#x025A;" /></td>
    <td><input type="button" class="button silver key ipa" value="a&#x026A;&#x025A;" /></td>
    <td><input type="button" class="button silver key ipa" value="&#x0254;&#x026A;&#x025A;" /></td>
    <td><input type="button" class="button silver key ipa" value="a&#x028A;&#x025A;" /></td>
    <td><input type="button" class="button silver key ipa" value="o&#x028A;&#x025A;" /></td>
  </tr>
</table>

  </div>
</div>
</div><div style="clear:both;"></div><div align="center" class="mt10" id="iWvr">
  <a target="_blank" href="http://www.sciweavers.org/i2type">i2Type</a>
  <a style="margin-left:10px;" target="_blank" href="http://www.sciweavers.org/sci2ools">Sci2ools</a>
  <a style="margin-left:10px;" target="_blank" href="http://www.sciweavers.org">Sciweavers.org</a>
</div><div class="options"><a id="clear_btn"></a></div><div id="SmartMode"><input type="checkbox" id="smart_check" checked="checked" /> Smart Mode</div></div><div><input type="hidden" id="downloadFile" name="downloadFile" value="1" /></div>

</div>

  <div id="downloadDiv"></div>
  <div><input type="hidden" id="extName" name="extName" /></div>
  <div><input type="hidden" id="server_job" name="server_job" /></div>
  <div><input type="hidden" id="font_size" name="font_size" /></div>

</form>
</div>
</div>
<div style="text-align:center;margin:40px 0 30px 0;"><script async src="http://pagead2.googlesyndication.com/pagead/js/adsbygoogle.js"></script>
  <!-- 728x90 Status -->
  <ins class="adsbygoogle"
    style="display:inline-block;width:728px;height:90px"
    data-ad-client="ca-pub-5930435762906662"
    data-ad-slot="3511893403"></ins>
  <script>
    (adsbygoogle = window.adsbygoogle || []).push({});
  </script></div><div class="headline" style="margin-bottom:10px; color:#ff0033;">More Free Tools from Sciweavers</div><div id="inpMthdFrame">
  <div><a class="inpMthd" href="http://www.sciweavers.org" title="Academic Bookmarking Network">Sciweavers</a></div>
  <div><a class="inpMthd" href="http://www.i2speak.com" title="Smart IPA Phone Tics Keyboard">i2Speak</a></div>

```

[illegible]

```
$("#newsletter_form").submit(function() {

    $(this).ajaxSubmit(options_i2theme_newsletter_form);
    return false;
});
//]]>
</script><link href="https://plus.google.com/107613250336837690087" rel="publi
sher" /><script type="text/javascript">(function() {var po = document.createElement(
"script");po.type = "text/javascript"; po.async = true;po.src = "https://apis.google
.com/js/plusone.js";var s = document.getElementsByTagName("script")[0];s.parentNode.
insertBefore(po, s);})();</script><div id="fb-root"></div><script>(function(d, s, id
) {var js, fjs = d.getElementsByTagName(s)[0];if (d.getElementById(id)) {return;}js
= d.createElement(s); js.id = id;js.src = "//connect.facebook.net/en_US/all.js#xfbml
=1&appId=216696181724747";fjs.parentNode.insertBefore(js, fjs);}(document, "script",
"facebook-jssdk"));</script><script type="text/javascript" src="/js/min/i2type.min.
js?12"></script>
<script type="text/javascript" src="/js/min/keyboard.min.js?5"></script>
<script type="text/javascript" src="/zeroclipboard/ZeroClipboard.js"></scri
pt>
<script type="text/javascript" src="/js/tTip.js"></script>
<script type="text/javascript">var sc_project=7396595;var sc_invisible=1;va
r sc_security="0ca10704";</script><script type="text/javascript" src="http://www.sta
tcounter.com/counter/counter.js"></script></body></html>
```
