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var texinputparent = H5P.jQuery('div.field.field-name-TEX_expression.text input').parent();
// disabled: read-only
texinputparent.append('<br><br><textarea id="html_output" rows="10" cols="150" disabled>output</textarea>');
texinputparent.append('<br><p id="data_b64_click"></p>');
// https://stackoverflow.com/questions/27541004/detect-paragraph-element-change-with-jquery
// 'change' doesn't work
// data transfer with invisible HTML element. OMG!
H5P.jQuery('#data_b64_click').on('click', function (ev) {
    var b64 = ev.target.innerHTML;
    console.log('data_b64_click: ' + b64);
    setValue(obj, 'data_b64', b64);
});
// texinput is updated by editor.js: showEditorResults
var texinput = H5P.jQuery('div.field.field-name-TEX_expression.text input')[0];
texinput.addEventListener('input', updateTexinputEventHandler);

function updateTexinputEventHandler(event) {
    setValue(obj, 'TEX_expression', event.target.value);
    // obj.parent.params['TEX_expression'] = event.target.value;
    var msg;
    if (event.isTrusted) {
        msg = ' event caused by keyboard input';
        event.preventDefault();
        ('TEX_changed', event.target.value);
    } else {
        msg = ' event caused by JavaScript';
        // no editorAction -> avoid infinite loop
    }
    console.log('TEX_expression changed: ' + event.target.value + msg);
}

// console.log('make data_b64_click invisible');
H5P.jQuery('#data_b64_click').css('display', 'none');

function refreshResultField(latex, fApp) {
    latex = latex.replaceAll(H5Pbridge.config.unit_replacement, '\\unit{');
    var parts = H5Pbridge.separateInputfield(latex);
    var tex = parts.before + '{{result}}' + parts.after;
    var enc = H5Pbridge.encode(parts.tag);
    console.log(tex + ' enc=' + enc + ' -> ' + H5Pbridge.decode(enc));

    // H5P editor: send tex and enc using dispatchEvent and trigger('click')
    if (H5Pbridge.isH5P()) {
        var texinput = H5P.jQuery('div.field.field-name-TEX_expression.text input')[0];
        if (typeof texinput !== 'undefined') {
            // value of TEX_expression field is set to EditorResult
            texinput.value = tex;
            // trigger InputEvent. EventListener see formulaapplet-editor.js
            texinput.dispatchEvent(new InputEvent('input', {
                bubbles: true
            }));
        }
        var $b64 = H5P.jQuery('#data_b64_click');
        if ($b64.length > 0) {
            console.log('data_b64_click: set value=' + enc + ' and trigger click event ');
            $b64.text(enc);
        }
    }
}

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$b64.trigger("click");  
}  
}  
}
```