multipart form-data failures in web activity

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Issue

Attempting to execute a rest web service that accepts multipart/form-data, using a Web Activity. Endpoint doesn't process it correctly.

One error seen is: Operation on target Web1 failed: {'success':false,'message':'**Line length limit 100 exceeded**.','detail':null}.

Resolution

The issue is that multipart/form-data processing in this case requires the data in the body have a <carriage return><line feed> combo (eg /r/n), but the default format of the ADF web activity body is to have only a /n.

If you edit the body in the UI the /r's will get automatically stripped out.

You have to edit the json directly in the web activity to update the fields.

It will end up looking something like this:

"headers": { "Content-Type": "multipart/form-data;charset=utf-8 ;boundary=BoundaryValue" },
"body": "\r\n--BoundaryValue\r\nContent-Disposition: form-data; name="version"\r\n\r\n1.2\r\n--
BoundaryValue\r\nContent-Disposition: form-data; name="dataspace"\r\n\r\nresetccei\r\n--
BoundaryValue\r\nContent-Disposition: form-data; name="file"\r\n\r\nfile content\r\n--
BoundaryValue\r\nContent-Disposition: form-data; name="filepath"\r\n\r\ndata_test.csv\r\n--
BoundaryValue\r\nContent-Disposition: form-data; name="targetVersion"\r\n\r\n0\r\n--BoundaryValue--\r\n",