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## Marshalling data using the concat record

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### Summary

At the Australian Synchrotron, we have a need to scan and save over 300 PVs from our 100-element XIA detector, but the scan record is limited to 70 detectors. We decided to group the 100 fast peak values, 100 slow peak values and 100 ROI values into three 100-element waveforms and use the "scanH" record to capture this data.

The concat record was developed as a means to group an arbitrary set of scalar PVs into a single waveform record.

**Primary author:** Mr STARRITT, andrew (australian synchrotron)

**Presenter:** Mr STARRITT, andrew (australian synchrotron)

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