

# MATLAB Mapping for Sequences



The MATLAB mapping for a Slice [sequence](#) depends on the element type of the sequence:

Element Type	Mapped Sequence Type
enum, struct, basic type other than string	vector <sup>1</sup> of the mapped element type, empty 0-by-0 array of the mapped element type for empty sequence
all other types: class, dictionary, proxy, sequence, string	1-by-n cell array of the mapped element type, empty 0-by-0 cell array for empty sequence



For sequences of user-defined types, the mapping generates a class with the same name as the sequence. This class contains only marshaling code and therefore we do not describe it here.

## See Also

- [Sequences](#)

<sup>1</sup> These vectors are 1-by-n arrays, where n is the size of the sequence.

