THE ADAPTER PATTERN

WHAT ARE ADAPTERS?

(IN EVERYDAY LIFE?)

An **adapter** or adaptor is a device that converts attributes of one electrical device or system to those of an otherwise incompatible device or system. Some modify power or signal attributes, while others merely adapt the physical form of one electrical connector to another.

Adapter - Wikipedia, the free encyclopedia
https://en.wikipedia.org/wiki/**Adapter**

www.aliexpress.com

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ADAPTERS IN CODE ARE PRETTY SIMILAR –

AN ADAPTER TAKES IN AN OBJECT
THAT IMPLEMENTS AN INTERFACE,
AND GIVES OUT AN OBJECT THAT
IMPLEMENTS A DIFFERENT INTERFACE

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LIST

ARRAY

LIST OUT

ARRAY IN

ADAPTER
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WHY IS THIS ADAPTER USEFUL?

BECAUSE IN JAVA THERE ALL KINDS
OF COOL UTILITIES FOR WORKING WITH
LISTS -

WAY MORE POWERFUL THAN THOSE
AVAILABLE FOR WORKING WITH ARRAYS