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Article

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## more usefull Object Dump

During testing your code you are often confronted with the need to examine the actual content of an object. Either using `ZWRITE` or `$system.OBJ.Dump()` you get a picture of simple properties as "--- attribute values ---" while "--- swizzled references ---" are more confusing than informative and with "--- calculated references ---" you are just left in the lurch.

This small helper class allows you to dump an object to terminal or e.g in background to some stream for later review.  
By default, you see just properties with content,

```
DO ##class(Z.obj).dumpToDevice(obj)
```

or if explicitly requested all properties.

```
DO ##class(Z.obj).dumpToDevice(obj,1)
```

Similar is the output to stream

```
DO ##class(Z.obj).dumpToStream(.outstream,obj)
```

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