

# To Do

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## 1. To Do

The following functionalities should be added to HPFS:

1. Add writing capability for property sets. Presently property sets can be read only.
2. Add codepage support: Presently the bytes making out the string in a property's value are interpreted using the platform's default character set.
3. Add resource bundles to `org.apache.poi.hpsf.wellknown` to ease localizations. This would be useful for mapping standard property IDs to localized strings. Example: The property ID 4 could be mapped to "Author" in English or "Verfasser" in German.
4. Implement reading functionality for those property types that are not yet supported. HPFS should return proper Java types instead of just byte arrays.
5. Add WMF to `java.awt.Image` example code in [Thumbnail HOW TO](#).