ARConstans.java

Most of the constants should be collected in this class, most of which are primarily for internal use.

ReaderFactory and Readers

- *ArcReaderFactory.java*: This factory can be used to create the various types of readers with optional buffering. You can either get compressed or uncompressed readers. There are also methods which can auto-detect whether or not a compressed reader is required.
- *ArcReader.java*: Abstract reader class which is the base for the all the readers. It also defines the options which can be set on a reader. Currently only digest options.
- *ArcReaderCompressed.java*: A reader implementation for reading compressed records.
- *ArcReaderUncompressed.java*: A reader implementation for reading uncompressed records.

Version Block and ARC Record

- *ArcRecordBase.java*: Abstract class which is the base for both the VersionBlock and ArcRecord classes. Contains most of the fields, validation and methods.
- *ArcVersionBlock.java*: VersionBlock parser including relevant fields, validation and methods.
- *ArcRecord.java*: Record parser including relevant fields, validation and methods.

Auxiliary classes

- *ArcVersion.java*: Represents the identified version with relevant information encapsulated.
- *ArcDateParser.java*: Parses and validated an ARC date.
- *ArcFieldValidator.java*: A class to keep track of field definitions in header lines and index them by name.
- *ArcErrorType.java*: Defines the different possible error types.
- *ArcValidationError.java*: Defines an ARC validation error using a type, key and value.