

Hyrax Analytics Definitions

This list contains terms with special meanings as used by the Hyrax Analytics Working Group

- **Item** - at the generic level, an Item is any repository object or collection for which analytics are being collected.
- **Work** - a *pcdm:Object* that holds zero or more FileSets and zero or more Works.
- **Work Type** - An object's classification as defined by metadata by repository administrators.
- **Resource Type** - Selected by the user in the object's metadata (e.g. picked from a list in the metadata form).
- **FileSet** - a *lcdm:Object* that contains a File and its derivatives. When we talk about a File view the FileSet will likely be the item shown to the user.
- **File** - A file is a bitstream with its own identity in the repository.
- **View** - A successful request for an HTML page displaying metadata for a collection, work, or a file.
 - Collections - a view on a collection homepage
 - Works - a view on the work showpage or view on the file showpage for all child files of this work
 - File - a view on the file showpage
- **Pageview** - used interchangeably with View, though we prefer the term View.
- **Download** -
 - Work Download: The total number of downloads for child files of this work.
 - File Download: The number of times the file has been downloaded, either from the file showpage or as a direct download.
- **Administrator** - A person with management responsibility for the repository. Usually a person with a "superuser" or "manager" role.
- **Collection** - a *pcdm:Collection* that indirectly contains zero or more Works and zero or more Collections.
- **Aggregation** - Aggregated statistics represent the total number of single counts of views or downloads for child works or containers.
- **Depositor** - Person who uploaded the item to the repository.
- **Investigation** - a term used for reporting COUNTER statistics - equivalent to the sum of Downloads and Views
- **Request** - a term used for reporting COUNTER statistics - equivalent to Download

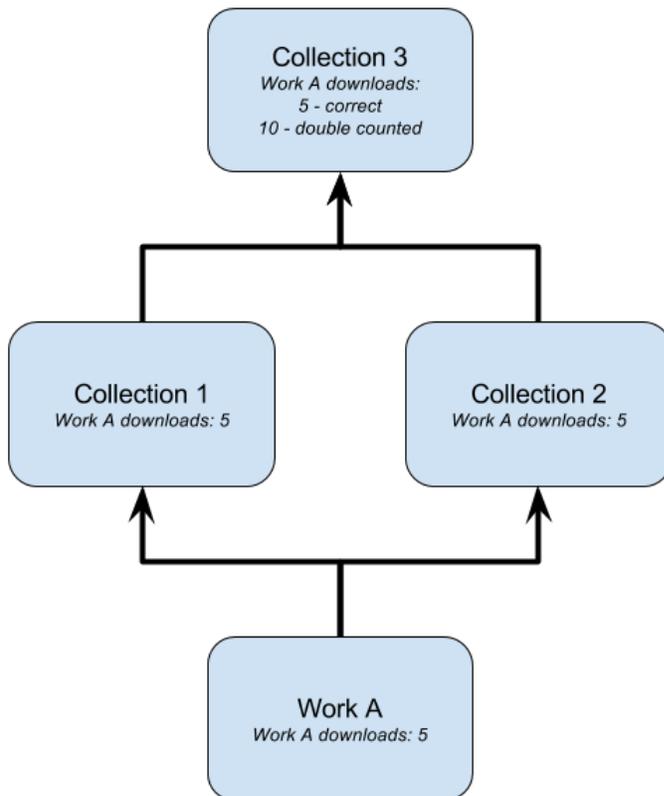


Illustration of the proposal to only aggregate statistics to one level below a unit of aggregation (e.g. a collection). Aggregating from a unit of aggregation all the way down to the work level is problematic due to the potential for double counting - in this example, Work A downloads get counted once in both Collection 1 and Collection 2, but due to continued aggregation up to the next level (Collection 3) Work A gets counted twice (once each from Collection 1 and Collection 2).