H5F_INCREMENT_FILESIZE

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H5F_INCREMENT_FILESIZE

Sets the file's EOA to the maximum of (EOA, EOF) + increment

Procedure:

H5F_INCREMENT_FILESIZE (file_id, increment)

Signature:

```
herr_t H5Fincrement_filesize(
        hid_t file_id,
        hsize_t increment
)
```

Parameters:

hid_t `file_id`	IN: Identifier of a currently-open HDF5 file
hsize_t `*increment`	IN: The number of bytes to be added to the maximum of (EOA, EOF)

Description:

H5F_INCREMENT_FILESIZE sets the file's EOA to the maximum of (EOA, EOF) + `increment`. The EOA is the end-of-file address stored in the file's superblock while EOF is the file's actual end-of-file.

Returns:

Returns a non-negative value if successful; otherwise returns a negative value.

Example:

```
/* Open an existing HDF5 file */
fid = H5Fopen(filename, H5F_ACC_RDWR, H5P_DEFAULT);
/* Get the EOA stored in the file’s superblock */
H5Fget_eoa(fid, &stored_eoa);
/* Set the EOA */
H5Fincrement_filesize(fid, 512);
/* Close the file */
H5Fclose(fid);
/* Find out the file’s actual size (EOF): S */
/* S should equal to (stored_eoa + 512) */
```

History:

Release	Change
1.10.2	Function introduced in this release.

--- Last Modified: December 20, 2018 | 11:34 AM