

iBase Publish

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1 iBase Publish

Publish is specifically designed for the task of publishing, updating and removing digital assets created in iBase Manager - such as images, video clips, sound clips, PDFs etc. - and their associated data to and from an iBase web or intranet site.

1.1 What is published?

All critical elements of the database schema, including:

1. Images and any additional media types held in Manager, such as sound and video files, Word documents and PDF files.
2. Core data fields.
3. Subject hierarchy.
4. Pick-list values.
5. Item relationships.

1.2 Configuration options

Publish is highly configurable – some of the options are:

1. Where there is more than one item type, specify which should be published.
2. Specify which fields should be published, and which should be included in the web site's quick search word index.
3. Create any number of different resolution images for the web site – these can be different from the existing Manager resolutions.
4. In the event of a required image resolution being unavailable, use the next largest image available. This can also be contingent on the next largest image being at least a minimum percentage size of the required resolution.
5. Specify the DPI of each resolution image.
6. In the case of compressed images, specify the compression ratio of each resolution.

7. Watermark each resolution image with its own image and / or text watermark. The position, opacity and size of each watermark can be specified.
8. Publish data to the web site with an "image unavailable" image. This is useful in the event that an image is copyright restricted but the data should still be available. Whether or not an "image unavailable" image is displayed can be set using any combination of data field values.
9. Perform on-the-fly character set conversion, in the event of the source and target data being different.
10. Log each publish run in the source database, along with the date last published / updated / removed of each item affected.
11. Send a notification email after each publish, optionally with a log of errors, if any were present.
12. Specify whether or not the target web site should use Manager subject aliases.
13. Set Publish to re-run x times in the event of a network error.
14. Set Publish to terminate in the event of x file system errors – this can be used to prevent Publish from trying to run if (for example) a persistent network error is preventing access to the source images.
15. Specify any external processes to be run at the destination after Publish has run. This can be used (for example) to re-index a database or file system, restart a service or perform any website-specific data manipulations.

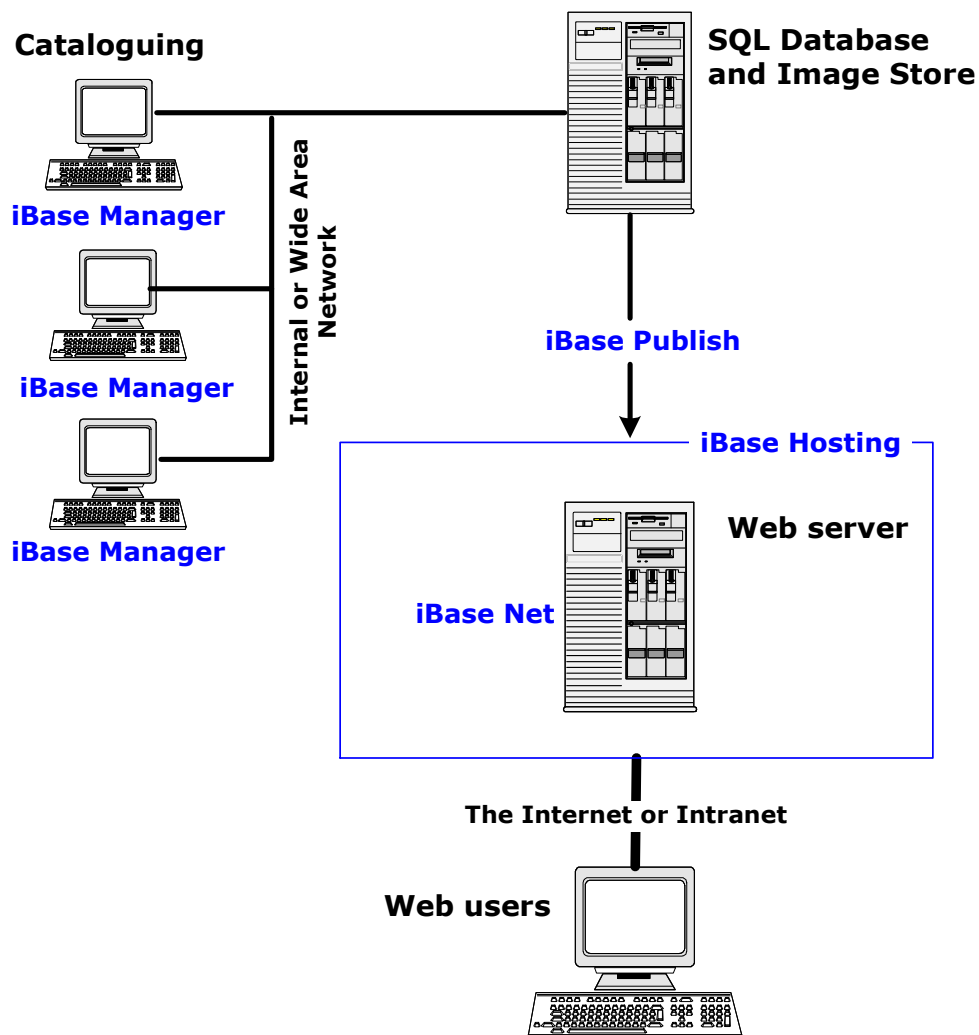
1.3 Network environment

Publish can operate over a local area network, over HTTP or HTTPS, on any port and in co-operation with proxy servers. It can also publish to multiple destinations, with a different configuration for each.

2 Publish working with Manager and Net

The diagram below illustrates how iBase Publish works with Manager to deliver and control what appears on a Net web or intranet site.

- **iBase Manager** – a professional level system for cataloguing, indexing and retrieval of digital assets. As many instances of iBase Manager licences as are required can be connected to the database and image store via a local or wide area network. iBase Manager is a PC application for Microsoft Windows.
- **iBase Publish** – a utility for publishing - from the iBase Manager database - assets and associated data selected for display on iBase Net.
- **iBase Net** – a browser technology based system for displaying digital assets on a web or intranet site.
- **iBase Hosting** – optionally iBase provides professional web hosting.



3 Further information

For further information about iBase products and services contact Malcolm Secrett or Howard Crawford:

iBase Media Services Ltd

Marsel House, Stephenson's Way, Ilkley, West Yorkshire LS29 8DD

T: +44(0)1943 603636

E: malcolm.secrett@ibase.com or howard.crawford@ibase.com.

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