

SPT Newsletter

November 2020 Newsletter 11

Shortest Path
Training

The Training Advantage

Join us Online at ...



National Analyst's Online Conference
11-12 November 2020

The Investigator
ESSENTIAL LEARNING FOR TODAY'S INVESTIGATORS

Microsoft Teams

The banner features a blue background with various data visualization elements including bar charts, line graphs, and a magnifying glass over a pie chart. A Microsoft Teams logo is visible in the bottom right corner.

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Newsletters and a YouTube Link: <http://shortestpathtraining.co.uk/newsletter/>

Sign up to our mailing list to receive new releases via email: info@shortestpathtraining.co.uk

Team News

Welcome

As the uncertainty continues with COVID-19 we have all had to adapt to different ways of working. At SPT, we spend a lot of our time on Zoom and it is amazing how this has become a normal part of our working day.

For training, we are now finding it equally comfortable to be either delivering face to face in the classroom, or, face to face online via web cams.

We would be interested to hear what plans your organisations have concerning accessing training, so we can plan our schedules in the best way...

Online or Classroom?

Feedback shows there is a need for us to continue to provide both online and classroom training for the foreseeable future.

As you will see from our latest schedule on the back page, we are scheduling some of our traditional classroom courses to be available online. This means you get more choice—but sometimes it is hard to decide which to go for—perhaps the following may help you:

Classroom

- For many a more familiar and comfortable environment
- Easier to discuss and sketch out ideas
- More opportunities to interact and learn from other delegates—better networking
- Away from the distractions of work
- All equipment provided—no setup required
- We provide refreshments and lunch!

Online

- Becoming a more familiar environment
- Still allows for conversation and interaction
- No time away from home or the office
- No travel or hotel costs
- We provide all the courses files and i2 software though a virtual environment—but you need to set up a machine to access them
- You provide the refreshments and lunch!

We would be happy to discuss the options with you to make sure you get the training you need in the environment that works best for you and your organisation.

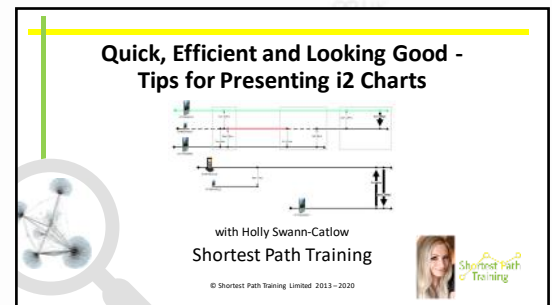
iBase 9

IBM has released a new version of iBase which includes an upgraded code base. This gives improved performance in many iBase functions. For more information visit: <https://www.youtube.com/watch?v=JX4g6KfTyNA>

IBM Security i2 Virtual User Group

On Thursday 22nd October, IBM hosted a Virtual User Group based around i2 software. We provided a number of Tips & Tricks videos that featured through out the day—mainly focused on

Analyst's Notebook, but also featured the interaction between iBase and Analyst's Notebook. Our general theme was how Analyst's Notebook tools can do a lot of the heavy lifting when getting a chart ready for presentation. Please visit our You Tube channel to see the videos.



National Analyst's Online Conference

Shortest Path Training Ltd is the headline sponsor of the second National Analyst's Conference being run by The Investigator on November 11th and 12th.

The two-day event will be run online for the first time and aims to bring together analysts from the UK and across the world to share best practice.

Speakers all work in the field of analysis or wider law enforcement and will be sharing their operational experiences and interacting with the audience.



Among the speakers will be analysts from the Met Police, The Association of Crime and Intelligence Analysts, The Home Office National Data Communications Project, Thames Valley Police, The Brunel Major Crime Team, Trading Standards, Her Majesty's Prisons and Probation Service and Edge Hill University.

IBM i2 will also be speaking at the event for the first time.

Places cost £299 plus VAT per delegate. Discounts are available for group bookings if you'd like to watch the conference with colleagues.

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To book email: Dale at info@the-investigator.co.uk

To find out more about other Investigator events and access the free newsletter go to: www.the-investigator.co.uk

Featured Classroom or Online Course

IBM i2 Analyst's Notebook Standard



Duration: 3 days

"I can create simple charts by dragging on Entities and Links, but I know it can do so much more to help with my day to day work."

Description

Setting down a firm base, this course takes students through the essential elements of i2 Analyst's Notebook before lifting them to a higher level of skill and understanding. Students will gain the knowledge needed to create, search, and analyse charts and to produce clear and concise results.

The course uses a variety of information to ensure that students deal with familiar data: such as communication records, financial records, organised groups, and a variety of standard intelligence reports. It also exposes students to new and useful methods of using Analyst's Notebook to help them in their everyday analytical role.

Prerequisites:

Students must be familiar with Microsoft Windows, and in particular opening, closing, and saving files.

Objectives

By the end of the course students will be able to:
create analytical and briefing charts both through importing data from MS Excel and manually.
begin using several of the essential Search and Analysis functions.
have a good insight into both the analytical and visual potential of the software.

Course Content

Introduction to Analyst's Notebook
Structuring association and temporal charts
Search and Analyse including:
 Search, Find Text, List Items
 Visual Search
 Bar Charts, Histograms and Heat Matrix
 Find Linked Items/Newer Selection Tools
 Find Path, Find Connecting Network
Find Matching Entities to identify possible duplicates
Importing data from Excel to create charts as required
Briefing and Presentation to get your message Across:
 Formatting
 Annotation
 Print, PDF's and Pictures

The complex block contains three screenshots from the IBM i2 Analyst's Notebook software. The top-left screenshot shows a network diagram with nodes and connecting lines. The top-right screenshot shows a bar chart with a title 'Data & Time: Day of Week: GMT (GMT-08:00) Standard Mean...'. The bottom screenshot shows an Excel spreadsheet with the following data:

| | A | B | C | D |
|----|------------|-------------|------------|----------|
| 1 | Source | Destination | Date | Time |
| 2 | 0773614421 | 03256415400 | 06/01/2016 | 23:49:13 |
| 3 | 0773614421 | 07786350729 | 06/01/2016 | 15:28: |
| 4 | 0773614421 | 07760370815 | 06/01/2016 | 02:23: |
| 5 | 0773614421 | 07794871510 | 10/02/2016 | 16:57: |
| 6 | 0773614421 | 07716653698 | 17/02/2016 | 23:27: |
| 7 | 0773614421 | 07728871665 | 03/02/2016 | 22:26: |
| 8 | 0773614421 | 03638380801 | 10/02/2016 | 17:58: |
| 9 | 0773614421 | 07738612435 | 13/01/2016 | |
| 10 | 0773614421 | 07757904155 | 03/02/2016 | 06:27: |
| 11 | 0773614421 | 07713894513 | 03/02/2016 | 01:49: |

Is this the right course for you?

This course is aimed at new or self-taught users of the software who wish to learn and work in a more effective and efficient way.

Where Next?

There are a number of one and two day Analyst's Notebook modules that you can take to further your knowledge. If possible we recommend that you use the software for a few months before taking the additional courses giving you time to apply what you have learnt and maximise the benefit of the modules. If you use iBase then we recommend the Using iBase With Analyst's Notebook.

Tips & Tricks

View Tips & Tricks as a YouTube Video: <https://tinyurl.com/ybvfkv56>

Analyst's Notebook: Import Shortcuts

When importing data from Excel into Analyst's Notebook—you often want to combine several columns together. As an example, I may want to import People and use First Name + Last Name + Date of Birth as the identity.

| F | G | H |
|-------------------|------------------|----------------------|
| First Name | Last Name | Date of Birth |
| Carol | Hudson | 20/01/1961 |
| David | Thompson | 20/07/1971 |
| Susan | Middleton | 15/10/1988 |
| Angelique | Miles | 20/11/1967 |
| Bob | Miles | 12/10/2000 |
| Frank | Miles | 15/09/2005 |

To do this you can click on the Browse Button as highlighted below and build the Identity.

However, a quicker method is to build the Identity by dragging each column into the Identity slot, but holding the Shift key down as you do so. The same shortcut works on Labels and Descriptions too.

Edit Import Specification - [Address and People Example, Modified]

Use this page to assign data columns and values to the properties of the items in your import design. You can also amend or extend your import design by deleting or adding further entities and links.

| Row | Address Type | First Name | Last Name | Date of Birth | 9 | 10 | 11 |
|-----|--------------|------------|-----------|---------------|---|----|----|
| 2 | Home Address | Carol | Hudson | 20/01/1961 | | | |
| 3 | Work Address | Carol | | 20/01/1961 | | | |
| 4 | Work Address | David | Thompson | 20/07/1971 | | | |

Icon 1 (Entity)

| Property | Value |
|----------------------------|---|
| Representation | Icon |
| Type | Person (Generic) |
| Identity | (not set) ... |
| Label | (same as Identity) |
| Date | (not set) |
| Time | (not set) |
| Controlling | No |
| Time Zone | (same as chart) |
| Description of Date & Time | (blank) |
| Description | (blank) |
| Grade One | (lowest) |
| Grade Two | (lowest) |
| Grade Three | (lowest) |

You can set an identity by dragging a column on to an entity or by changing the identity property.

Buttons: Save, Close, < Back, Next >, Import, Help

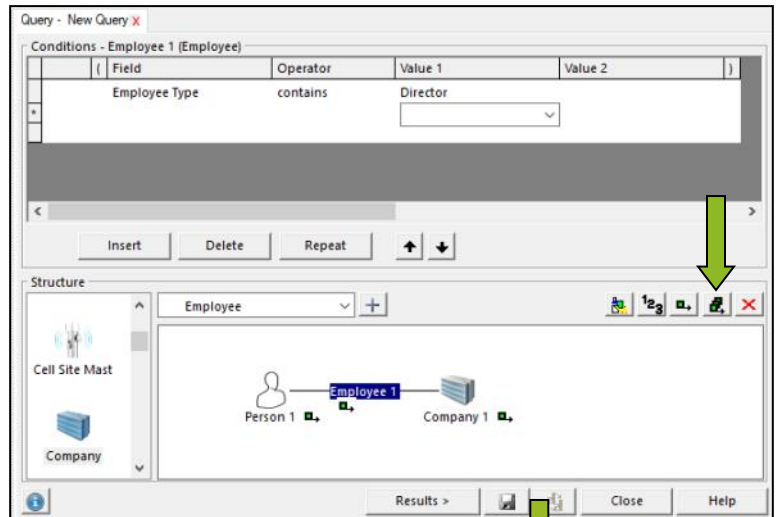
Tips & Tricks

View Tips & Tricks as a YouTube Video: <https://tinyurl.com/ybvfkv56>


iBase: Quickly get data from iBase to Excel

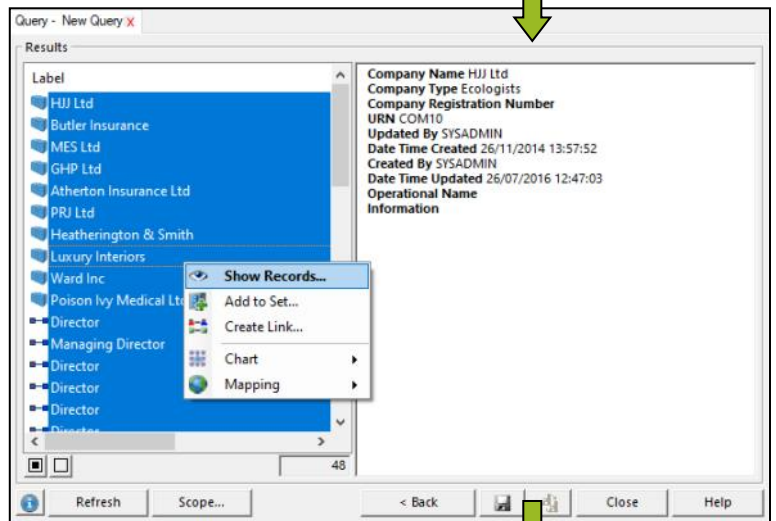
One of the most common questions we get asked is how do we get information out of iBase and into an Excel quickly. There are 2 specific Export functions—Export to Excel and Export Specifications, but for both of these you need to have saved a Set or Query—for a quicker way you can use Show Records.


The Query to the right finds Directors of Companies and all 3 items are set as the Output (note the green symbols).





From the results list:

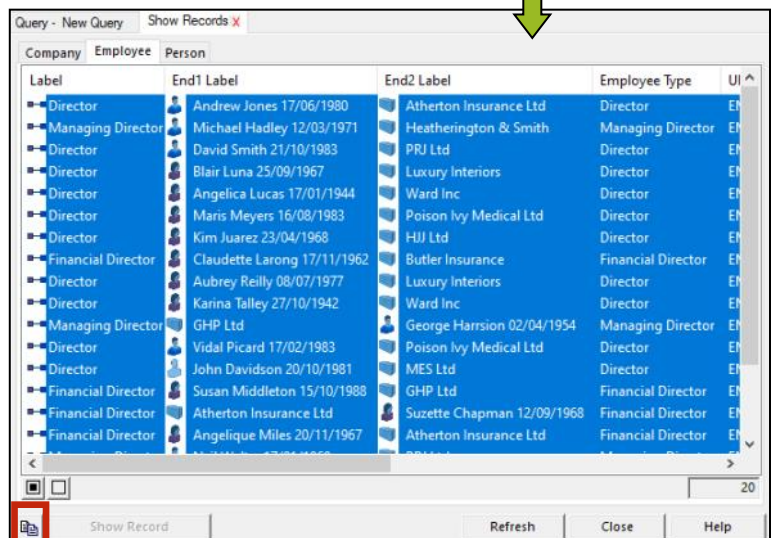
1. Select all the records you are interested in
2. Right Mouse Click on one of them—Show Records
3. Select the Tab you are interested in (in this case the Employee Link Type)
4. Select the Records you are interested in
5. Click on the Copy Button 
6. Paste into Excel



 You can use Show Records whenever you have a list of results—including Find, Search 360 and Sets.

 The Labels used are controlled by Labelling Schemes in iBase.

 For more control over Exporting use Export To Excel or an Export Specification.



SPT Course Schedule November 2020—March 2021

| Location | Description | Date(s) | Time | Length |
|-----------|---|---------------------|-------|---------|
| Cambridge | Analyst's Notebook Dissemination | Mon 02 Nov | | 1 day |
| Cambridge | Analyst's Notebook Importing | Tue 03 Nov | | 1 day |
| Cambridge | Analyst's Notebook Social Network Analysis | Wed 04 Nov | | 1 day |
| Cambridge | iBase Standard | Mon 09 - 10 Nov | | 2 days |
| Cambridge | iBase Analysis | Wed 11 Nov | | 1 day |
| Cambridge | iBase Importing | Thu 12 Nov | | 1 day |
| Cambridge | Using iBase with Analyst's Notebook | Fri 13 Nov | | 1 day |
| Online | Analyst's Notebook Introduction to Analysis | Tue 17 Nov | 14:00 | 2 hours |
| Online | Introduction to using iBase with Analyst's Notebook | Wed 18 Nov | 14:00 | 2 hours |
| Cambridge | iBase Designer | Mon 16 - 20 Nov | | 5 days |
| Cambridge | Analyst's Notebook Standard | Mon 30 Nov - 02 Dec | | 3 days |
| Online | Analyst's Notebook Creating Charts | Thu 03 Dec | 11:00 | 4 hours |
| Online | Analyst's Notebook Introduction to Importing and Analysis | Fri 04 Dec | 11:00 | 4 hours |
| Online | iBase Introduction to Searching, Queries and Charting | Mon 07 Dec | 11:00 | 4 hours |
| Online | Analyst's Notebook Creating Charts | Tue 08 Dec | 11:00 | 4 hours |
| Online | Analyst's Notebook Introduction to Importing and Analysis | Wed 09 Dec | 11:00 | 4 hours |
| Online | iBase Introduction to Searching, Queries and Charting | Thu 10 Dec | 11:00 | 4 hours |
| Cambridge | Analyst's Notebook with Cyber and other Digital Data | Tue 15 - 16 Dec | | 2 days |
| Cambridge | iBase Designer | Mon 18 - 22 Jan | | 5 days |
| Online | Analyst's Notebook Standard | Mon 25 - 27 Jan | | 3 days |
| Online | iBase Standard | Thu 28 - 29 Jan | | 2 days |
| Cambridge | Analyst's Notebook Standard | Mon 08 - 10 Feb | | 3 days |
| Cambridge | iBase Standard | Thu 11 - 12 Feb | | 2 days |
| Online | Analyst's Notebook Creating Charts | Mon 15 Feb | 11:00 | 4 hours |
| Online | Analyst's Notebook Introduction to Importing and Analysis | Tue 16 Feb | 11:00 | 4 hours |
| Online | iBase Introduction to Searching, Queries and Charting | Wed 17 Feb | 11:00 | 4 hours |
| Online | Analyst's Notebook Importing | Thu 18 Feb | | 1 day |
| Online | Analyst's Notebook Social Network Analysis | Fri 19 Feb | | 1 day |
| Cambridge | iBase Designer | Mon 01 - 05 Mar | | 5 days |
| Online | Analyst's Notebook Analysis | Mon 08 - 09 Mar | | 2 days |
| Online | Analyst's Notebook Dissemination | Wed 10 Mar | | 1 day |
| Online | Analyst's Notebook Importing | Thu 11 Mar | | 1 day |
| Online | Using iBase with Analyst's Notebook | Fri 12 Mar | | 1 day |
| Cambridge | Analyst's Notebook Standard | Mon 22 - 24 Mar | | 3 days |
| Cambridge | iBase Standard | Thu 25 - 26 Mar | | 2 days |
| Online | Analyst's Notebook Creating Charts | Mon 29 Mar | 11:00 | 4 hours |
| Online | Analyst's Notebook Introduction to Importing and Analysis | Tue 30 Mar | 11:00 | 4 hours |
| Online | iBase Introduction to Searching, Queries and Charting | Wed 31 Mar | 11:00 | 4 hours |
| Online | iBase Analysis | Thu 01 Apr | | 1 day |
| Online | iBase Importing | Fri 02 Apr | | 1 day |

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Stop Press! Following UK Government announcement—classroom courses scheduled between 5th Nov and 2nd Dec are now postponed.