

## Press Release

### Virtual lounge for software developers goes online

[PTV launches DevelopersZone / New xServer releases now available](#)

**Karlsruhe, Germany, May 20, 2010. A new development forum goes online: PTV provides a new platform for information exchange and news on its logistical and geographical software components and its Software Developer Kit (SDK). This site is geared to allow software developers to discuss their specific issues with PTV experts and to keep up-to-date on the latest trends via Twitter or the "PTV Developer" blog. Moreover, the PTV xServer version 1.10 is now available.**

The "virtual lounge for developers" at [www.developer.ptv.de](http://www.developer.ptv.de) is clearly structured and provides the latest information on PTV's xServers, the MapServer and the MobilityPlatform. Intermediate and pre-releases can thus be downloaded easily. The new code sample browser shows various use cases and code samples which can be immediately integrated into the customer's applications developed using PTV's xServers. New users can order a demo version on CD-Rom.

Our aim was to provide a wealth of information and, at the same time, establish a developer community," explains Frank Felten, Vice President Logistics Product Management, PTV AG.

#### **New releases are now available: xServer 1.10**

The new PTV xServer release is based on Java6 which makes the geographical and logistical software components run even faster. The standardised and simplified architecture of the geo-components improves customer database management, for example. This makes it easier to integrate address data, to geocode and display them on a map or to search within a specific radius of a route.

Geocoding now generates clearer results which is another useful improvement. For example, each address element is displayed and the user can quickly identify which data records need to be adjusted.

Further highlights of the new version are the so-called traffic patterns and up-to-date traffic information during the routing process. Traffic patterns are based on complex traffic models and describe the traffic situation on a road segment depending on the weekday and time of day. They ensure that the calculated journey time becomes even more realistic. Moreover, they include up-to-the-minute traffic information.

The xServers support open data formats such as OGC WKT (Well Known Text of the Open Geospatial Consortium), OGC WKB (Well Known Binary) and Google KML (Keyhole Markup Language) so that data can be easily exchanged with other systems.

380 words. Author's copy kindly requested.

**Images:**



(DevZone.gif) Start page of the new PTV DevelopersZone



(Dominosteine.jpg) Simply do it yourself with PTV's software components



(CSB\_Demo.gif) Code sample browser with a routing example which takes closed areas and different types of vehicles into consideration.



(CSB\_Edit.gif) Program code for the application example in the code sample browser



(CSB\_Help.gif) Code sample browser with information about the application example and code.

**PTV xServers**

These powerful modules allow users to integrate geographical and logistical functions into existing IT structures, mobile solutions, web applications and other client-server architectures. The following PTV xServers are currently available:

- ▷ PTV xLocate Servers: performs address geocoding, reverse geocoding, address validation.

- ▷ PTV xMap Servers: visualises maps, routes, POIs and objects.
- ▷ PTV xRoute Servers: calculates routes, distances, driving times, toll costs, catchment areas.
- ▷ PTV xSequence Servers: optimises the sequence of stops within a transport run.
- ▷ PTV xDima Servers: calculates distance matrices (driving times and routes) between locations and provides high performance results.
- ▷ The PTV xCluster Server: creates homogeneous groups of customers or customer calls to ensure optimum workload of the mobile workforce, for example.
- ▷ PTV xTour Servers: optimises trips to achieve optimum vehicle fleet efficiency.

For more information about the PTV xServers, visit <http://www.ptvag.com/software/developer-components/products/ptv-xserver/>

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**PTV Planung Transport Verkehr AG**

The PTV Group provides cutting-edge software technology and consulting to enable customers to meet their mobility needs. It helps people plan and manage traffic and transportation, provides them with the latest traffic reports and assists them in optimising their long-term resource allocation. Since 1979, our independent corporate group has been a leading provider of products and solutions for travel, traffic and transportation planning.

Strong international demand has fuelled dynamic growth: We currently have over 700 employees worldwide crafting innovative solutions for our customers in the public and private sectors. Our Karlsruhe headquarters acts as a development and innovation centre with tight links to research and educational institutions. We additionally maintain shareholdings and subsidiaries in Germany, Europe and every continent in the world.

In the Traffic Software, Transport Consulting and Logistics business fields, PTV technology forms the foundation of a host of brand-name products and our own leading map&guide and PTV Vision product lines.

PTV. The transportation experts.