



Developer Environment

nexidia 

APPLICATION	DESCRIPTION/FEATURES & BENEFITS	HARDWARE & SOFTWARE REQUIREMENTS
<p>Nexidia Workbench Software Development Kit (SDK)</p>	<p>Nexidia Workbench Software Development Kit is Nexidia's primary application programming interface tool and provides developers with access to all the core capabilities of the Nexidia phonetic indexing and search solutions.</p> <p>FEATURES & BENEFITS:</p> <p>Indexing:</p> <ul style="list-style-type: none"> > Rapidly create phonetic index (.PAT) files from media files which can be subsequently searched > Index speeds now up to 2,211 times real-time <p>Searching:</p> <ul style="list-style-type: none"> > Industry-leading accuracy with performance speeds that scale with the hardware > Large scale search speeds now up to 100 million times real-time <p>Structured Queries:</p> <ul style="list-style-type: none"> > Supports complex queries with the use of Boolean operators, i.e AND, OR, and ANDNOT <p>Monitoring & Scanning:</p> <ul style="list-style-type: none"> > Real time monitoring and alerts of audio content, up to 1000 streams per server <p>Media Classification:</p> <ul style="list-style-type: none"> > Identifies media file features including speech vs. non-speech, silence, DTMF tone and gender detection <p>Search Term Optimization:</p> <ul style="list-style-type: none"> > Refine search terms based on actual hits and false alarms > Create search terms based on audio clips in which the search phrase is spoken <p>Duplicate Spotting:</p> <ul style="list-style-type: none"> > Quickly and very accurately detect segments of audio, such as hold music, duplicated across two or more media files <p>Media Accessor Framework:</p> <ul style="list-style-type: none"> > A complete framework to support decoding streaming or file-based media. Highly configurable and extensible. Broad media file format support, including AIF, AIFC, AIFF, ASF, AU, AUD, AVI, FLV, MOV, MP2, MP3, MP4, MPEG, MPG, MPG4, NMF, QT, VOX, VX8, WAV, WMA and WMV 	<p>MULTIPLATFORM:</p> <ul style="list-style-type: none"> > Supports Windows XP and later, Linux (RHEL4 and compatible), and Mac OS/X 10.4 and later <p>C++ AND C# INTERFACES:</p> <ul style="list-style-type: none"> > All features available in C++ using Visual Studio 2005 or 2008 on Windows and gcc on Linux and Mac > C#, VB.NET and other .NET languages are also supported on Windows using Visual Studio 2005 or 2008 <p>EFFICIENT MULTI-PROCESSOR SCALABILITY:</p> <ul style="list-style-type: none"> > All features of Workbench can efficiently execute concurrently and performance scales with the number of cores in the computer <p>FULLY UNICODE COMPLIANT:</p> <ul style="list-style-type: none"> > Supports full Unicode character set for many languages, both orthographic script and common romanizations. For example, Japanese queries can be entered in katakana, hiragana or romaji

DEVELOPER ENVIRONMENT	DESCRIPTION/FEATURES & BENEFITS	HARDWARE & SOFTWARE REQUIREMENTS
<p>ESI Developer API</p>	<p>The ESI Developer API is a toolkit that allows developers to build on the core index and search functionality of ESI and integrates into an existing web application.</p> <p>FEATURES & BENEFITS:</p> <ul style="list-style-type: none"> > Includes the features of Nexidia ESI Discovery Edition > Notification plug-in API > Scalable with hardware > Easy to Integrate via SOAP based web services 	<p>Minimum system requirements include:</p> <p>PROCESSOR:</p> <ul style="list-style-type: none"> > Dual Intel Pentium 3.2 GHz+ with at least 2 MB L2 or L3 cache (Intel Celeron processors are not supported) <p>MEMORY:</p> <ul style="list-style-type: none"> > 4 GB+ <p>OPERATING SYSTEM:</p> <ul style="list-style-type: none"> > Windows Server 2003 SP2 or later (32-bit) <p>OTHER:</p> <ul style="list-style-type: none"> > SQL Server 2008 R2 > .NET Framework 4.0 > Microsoft Media Player 9.0c, 10, or 11 > Apple QuickTime 7.4.5
<p>Language ID Workbench</p>	<p>LANGUAGE IDENTIFICATION:</p> <ul style="list-style-type: none"> > Identifies the dominant language and time code segments spoken in a media stream or file > Identifies where more than one language is spoken > User-trainable to any set of languages 	<p>Same as Workbench (SDK)</p>
<p>Language Packs</p>	<ul style="list-style-type: none"> > Support indexing and searching audio in over 30 languages > Separate language packs are available and tuned specifically for multiple telephony and broadcast environments > Multiple input methodologies available which have primarily been derived from operational environments and linguists > List of Supported Languages available upon request 	<p>Installers for Windows XP and later, Linux (RHEL4 and compatible), and Mac OS/X 10.4 and later</p>