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## Status of the Integration of InfoCodex into MS SharePoint Portal

The full integration of InfoCodex into MS SharePoint Portals is realized within the scope of the "Enterprise Application Integration" offered by SharePoint Portal; see e.g.

[http://msdn.microsoft.com/library/en-us/spptsdk/html/spsintroEAI\\_SV01162280.asp?frame=true&\\_r=1](http://msdn.microsoft.com/library/en-us/spptsdk/html/spsintroEAI_SV01162280.asp?frame=true&_r=1)

The basic means of interfacing are:

- TCP/IP connection; http and https;
- XML interface between SharePoint Portal and the InfoCodex API;
- SOAP standard for information exchange (W3C standard "Simple Object Access Protocol" supported by SharePoint Portal), which is an envelope for the XML statements;
- Using the SharePoint Portal functions for viewing and processing the original documents.

The three core components for the integration of InfoCodex into Sharepoint Portal are:

- **Web Services** for answering the requests of the clients.  
The InfoCodex API has to be configured as a Web Service (with SOAP)
- **Web Parts** for incorporating InfoCodex functions into the Sharepoint Portal forms.  
This part comprises modules for complementing the SharePoint Portal forms with InfoCodex functions (or replacing the SharePoint Portal functions such as the search function by the InfoCodex search functions)
- **Export of SharePoint Contents** into the file system  
This function is used for analysing and indexing collections (document libraries) containing SharePoint contents (documents and Web contents). It also supports job-scheduling for the automatic and periodic regeneration and updating of the collections.

On the basis of these three core components, the integration of InfoCodex into a specific SharePoint Portal (customizing) is straightforward.

### Current Development Status

<u>Function</u>	<u>Percentage completed</u>	<u>Expected completion</u>
Web Services	40 %	September 15, 2006
Web Parts	20%	September 15, 2006
Export of SharePoint contents	20%	September 15, 2006
Job scheduling	20%	September 30, 2006