

# teliSpeech Studio

*a unique approach  
to co-development of linguistic resources*

*Telisma is opening up the speech market !*

*With teliSpeech™ Studio you can develop your own linguistic resources for ASR & TTS engines without being a speech expert.*

*TeliSpeech Studio is a collection of open and easy to use Graphical User Interface tools which have been developed using Eclipse™.*



## **What can you do with teliSpeech Studio?**

- ✓ develop a new ASR language
- ✓ create a TTS voice
- ✓ develop a grapheme-to-phoneme converter ("phonetizer")
- ✓ create domain-specific language models using speech corpus collection and annotation

## **Who can use teliSpeech Studio?**

Anybody!

- ✓ If you are familiar with phonetic symbols of the language
  - ✓ have the necessary raw materials, for example a corpus and a lexicon...
  - ✓ and are computer literate
- ... then you are ready to develop the linguistic components used at run-time by the teliSpeech ASR or TTS engines.

## **The advantages of teliSpeech Studio**

- ✓ **Fully compliant:** all linguistic resources developed using teliSpeech Studio are compliant with teliSpeech industrial run time products.
- ✓ **Intellectual Property:** the Intellectual Property Rights (IPR) on the linguistic resources (language packs) you develop using teliSpeech Studio with your own data (e.g. text/speech corpus, lexicons) remain yours.
- ✓ **Free of charge:** teliSpeech Studio is available upon request. Detailed documentation and tutorials are provided to guide you through the process of using the plug-ins.
- ✓ **Free testing:** obtain teliSpeech ASR evaluation licenses for free from telisma for R&D or prototyping purposes
- ✓ **Increase your revenue:** generate revenue out of the assets produced with teliSpeech Studio. You can resell the linguistic resources produced with teliSpeech Studio, either directly or via telisma (\*).

## **We can help you go further with teliSpeech Studio**

- ✓ **Training:** Telisma delivers expert training on teliSpeech upon request.
- ✓ **Professional Services:** with teliSpeech Studio, you can deliver your own professional services such as ASR grammar development, tuning or the development of corporate TTS voices.
- ✓ **Technical support and maintenance:** these can be provided by yourself or telisma.

(\*) a royalty-based model applies where telisma resells third party resources to the market.

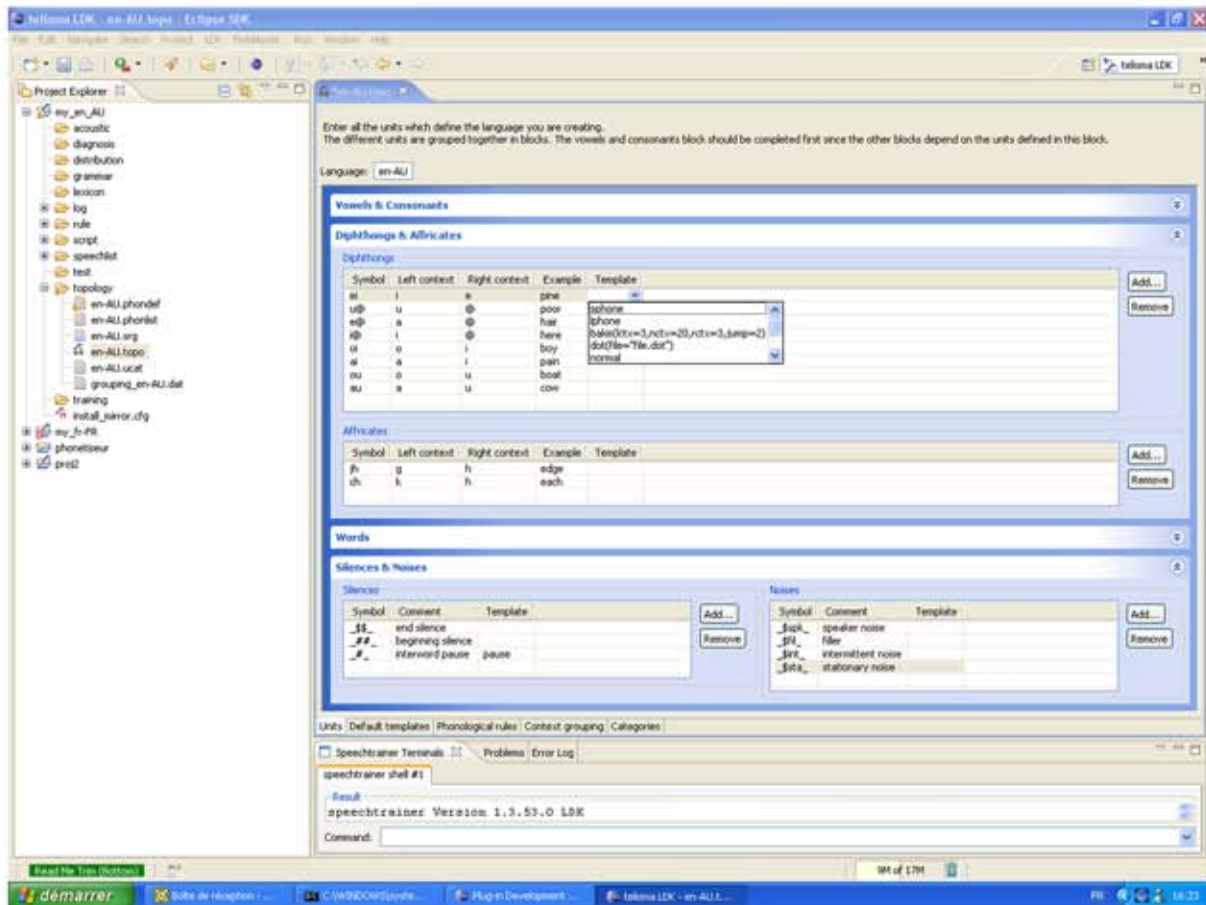
## Using telispeech Studio to create new language packs

The telispeech Language Development Kit (LDK) is the telispeech Studio Eclipse™ GUI used for ASR language creation.

A new Project is created for each new language developed with the LDK. All resources are produced as part of a project. Version management is supported as part of the tool.

Wizards are provided so that you can quickly and easily produce language resources, such as the phonemes set, lexicon, or acoustic units. Templates are also used to speed up language creation.

Diagnosis and testing features are included with the LDK. At the end of each process, the project can be deployed as a telispeech ASR language.



definition of phoneme model in telispeech LDK

### About telisma

Telisma is a leader in network speech recognition technology with offices in Paris, London, New Delhi. Telisma develops and markets its telispeech engines and tool kits for Automatic Speech Recognition (ASR) and Text-To-Speech (TTS) in various languages worldwide, has a fully indirect business model, partnering with the world's premier vendors of computer telephony hardware and platforms, along with global and local brand-name integrators, to deliver superior solutions to their customers. Telisma's long-term commitment to industry-standards APIs ensures smooth and steady growth for its partners.

Please visit [www.telisma.com](http://www.telisma.com)

