Public platform roadmap

Version 7.3

https://developer.skype.com/RoadMap

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Once upon a time in Skypeland...

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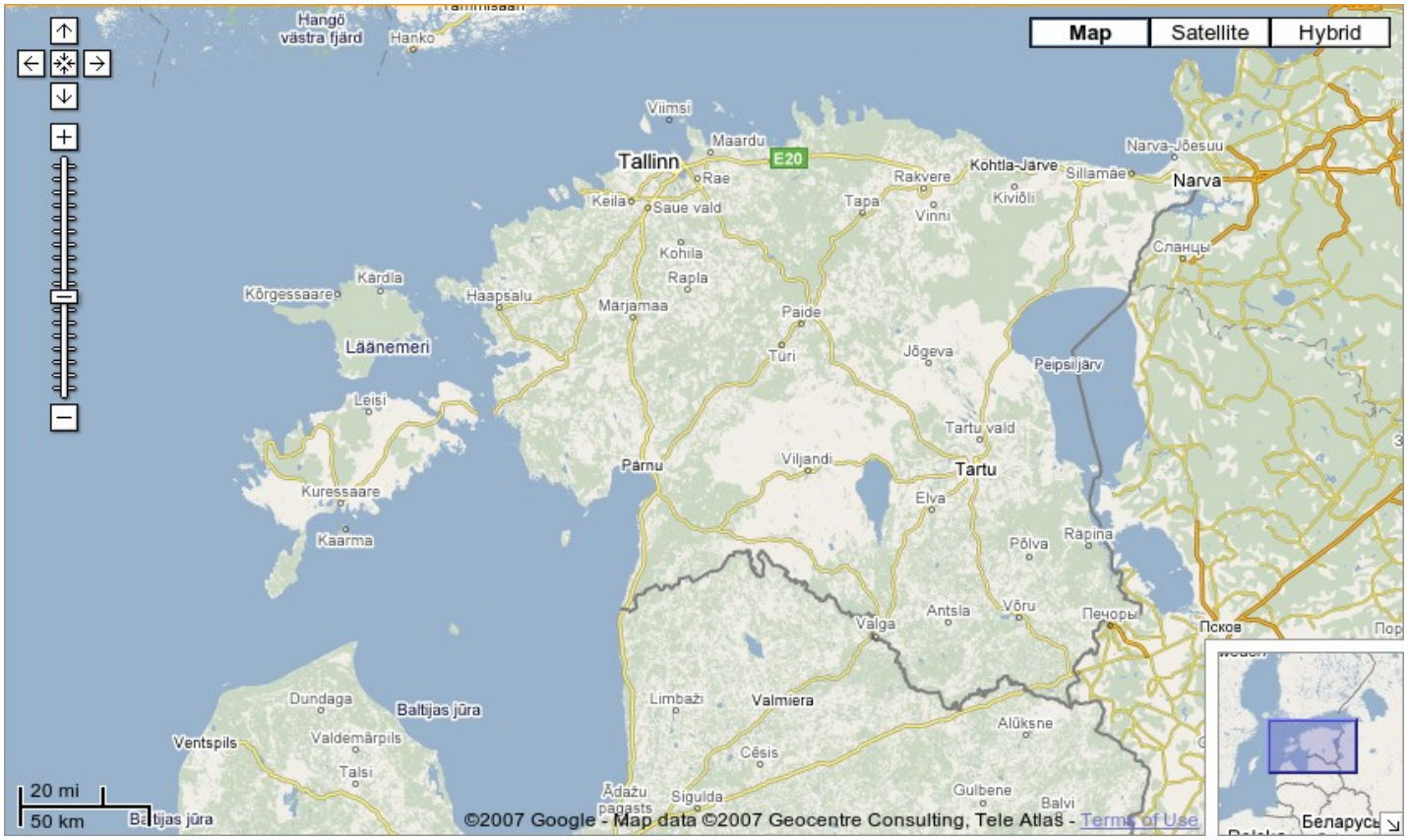
Skype had built all the main roads.



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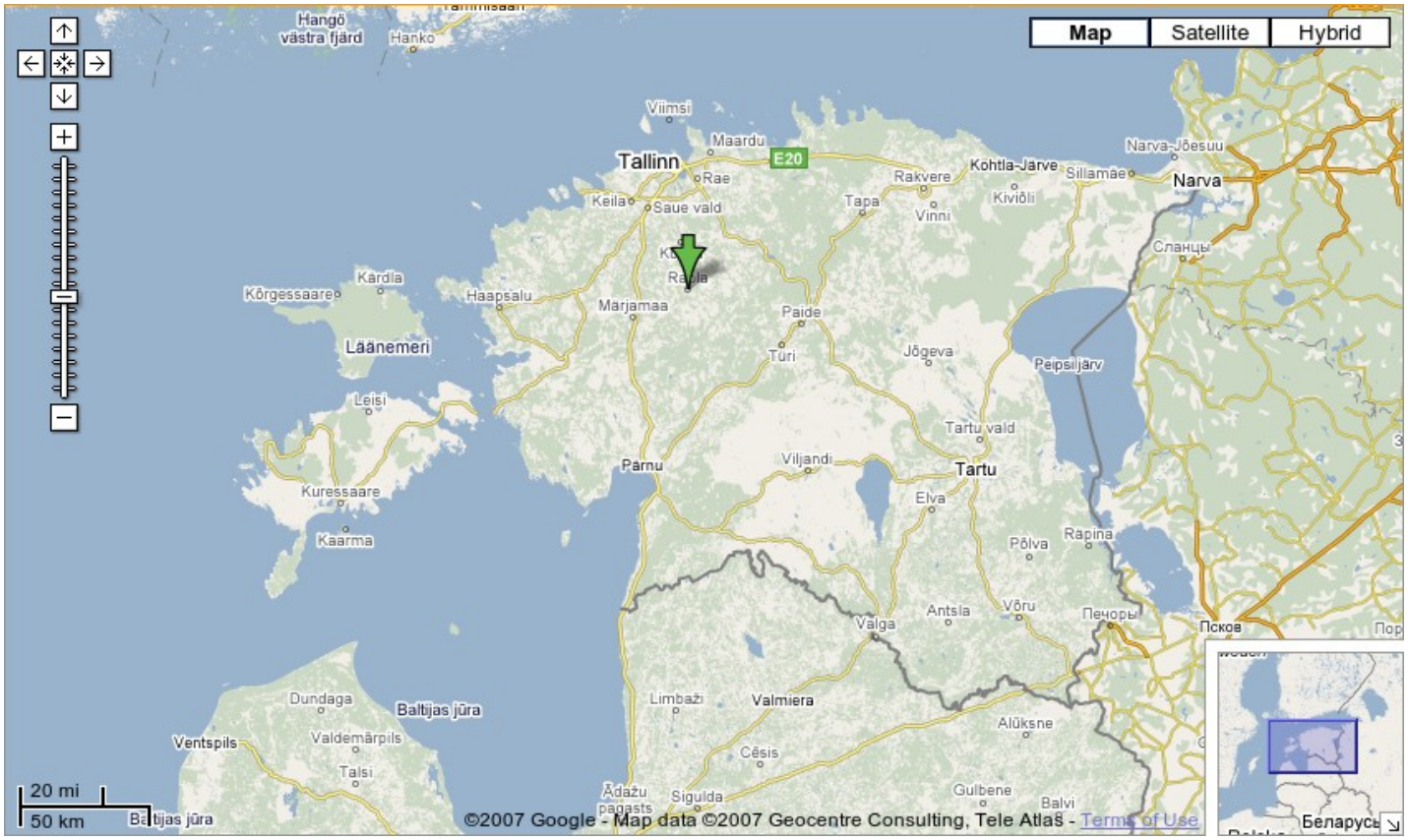
But some people also wanted to visit smaller places.



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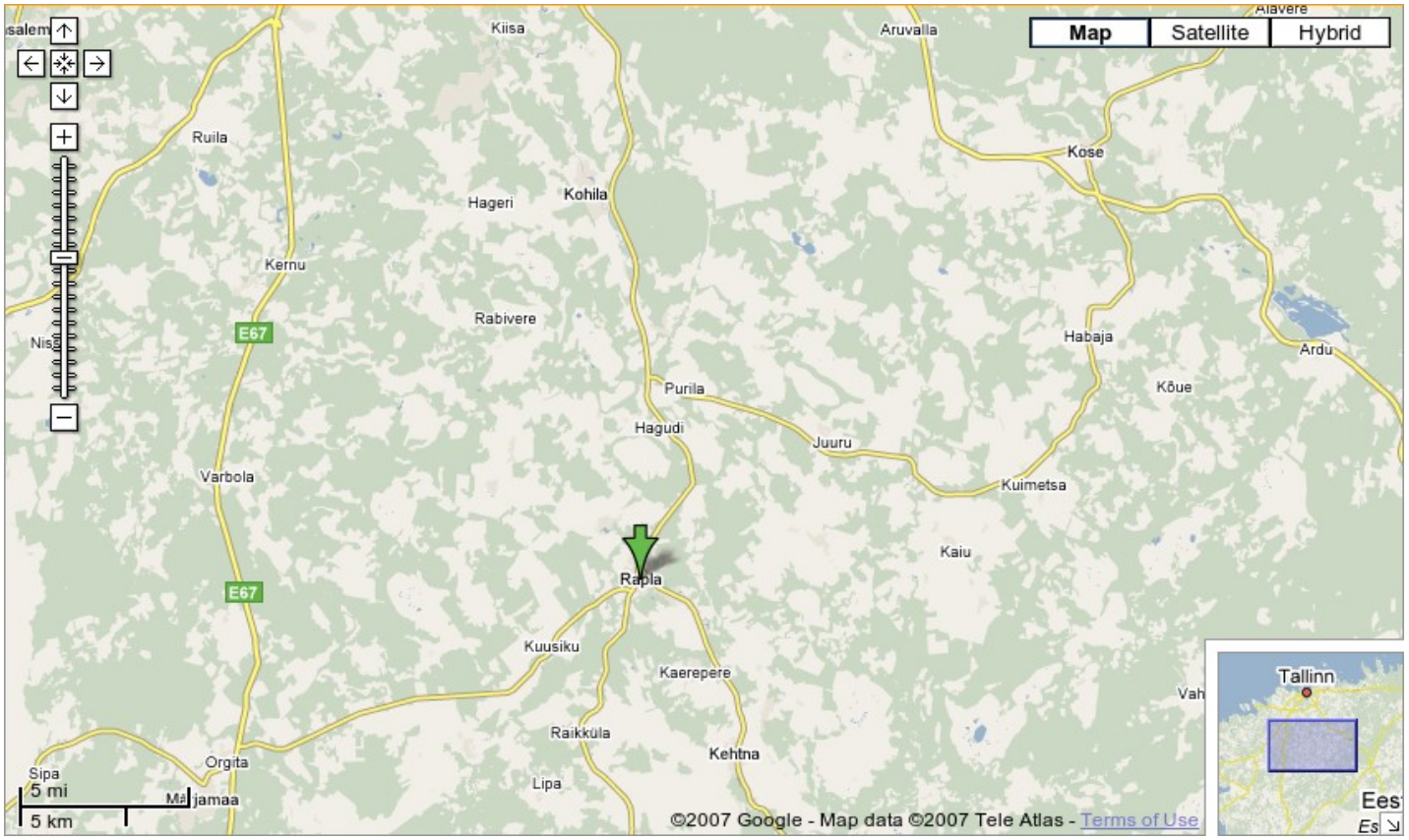
Luckily, many smaller roads had been built by others.



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We cannot build *all* the roads. *You* fill the gaps.

- Sometimes you create something we haven't even thought of.
- Sometimes you look at something we've done, and do it differently.
- Sometimes we come up with our own implementation of your ideas.

- We all compete with — and complement — each other.

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We at the Skype Developer Program

- enable external developers to bring Skype to more users and enrich the existing users' experience;
- open our doors to all developers, small and large;
- aim to make the entire spectrum of Skype client features available to the developers via client APIs and web services;
- encourage developers to work not only for the end users, but also for other developers, creating middleware, wrappers, and tools.

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The public APIs

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Application types

- **plug-ins** offer additional functionality to the users of Skype client software (think Extras)
- **plug-outs** offer some of the Skype's features to users of other applications (think virtual walkie-talkies in a multi-user first-person-shooter games)
- **mash-ups** creatively interconnect Skype's services with those provided by other platforms (think showing your Skype contacts' presence on a Google map)

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Platform dependencies

- plug-ins are **platform-specific**, requiring a full-blown Skype client to be running on the end-user's machine
- plug-outs can be **cross-platform**, depending on the presence of Skype's p2p core library (either "naked" or embedded into a full-blown client)
- mash-ups may be **platform-independent**: in some cases, no Skype software at all is required on the end-user's machine

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Functional areas & delivery channels

- Platform-specific, **client UI**-related functionality can be delivered via OS-provided messaging, sockets, callbacks & hooks, standard I/O, http, command-line and URI parameters, various wrappers, and reusable UI components
- Cross-platform, **core P2P**-related functionality can be delivered *additionally* via a "headless" library complete with appropriate header files
- Platform-independent, **back-end**-related functionality can be delivered *additionally* via XML web services and web widgets making use of such services.

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Platform plans and ideas

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Plans for Q4 2007

- web services for the Unified Directory
- conversation API
- non-interactive login on Linux
- open-source Skype4COM

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Q4 2007 : Unified Directory web services

- First: Skype Prime directory.
- Next: Skype Prime directory + SkypeFind + user directory + public conversations
- Functional areas:
  - search & view
  - rate & review
  - add & edit
- In Q4 2007, we'll create detailed specs & developer documentation for the SOAP (and maybe JSON) interfaces that allow searching for and viewing the SkypeFind directory entries.
- The services are likely to be launched in Q1 2008.

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Q4 2007 : conversation API

- Today: chats, calls, file transfers, group chats, conference calls, public chats, SkypeCasts.
- Tomorrow: conversations between users and groups.
- Conversations contain text messages, voice and video calls, and file transfers.
- Conversations may be private or public.
- In Q4 2007, we'll create a detailed spec of the conversation API and the first edition of relevant developer documentation.
- The new API is likely to become available to developers in early Q1 2008, and some of the present APIs may become obsolete over the coming year.

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Q4 2007 : non-interactive login on Linux

- The idea is to make it possible for the users of Skype for Linux to bypass the login dialog, making it easier to use Skype remotely.
- Specifying the username and password via command line parameters is not acceptable because of security considerations.
- Login credentials will probably be piped into Skype from standard input, or set via environment variables.
- This is the first step towards enabling Skype for Linux to run without any graphic user interface.

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Q4 2007 : open-source Skype4COM

- We'll release the complete source code of the Skype4COM library under a suitable open source license, so that developers could
  - learn from it when building other wrappers to the Skype Client API;
  - improve it and submit their improvements back to us for inclusion into the upcoming "official" versions of the library; or
  - fork the library into various customised branches if needed.
- The license is not yet chosen but is expeced to:
  - allow inclusion of the licensed code (with or without modifications) into a larger product which may be licensed under different terms;
  - require any modified versions of the licensed code to remain under the same license;
  - and, possibly, ban the use of this code in products not related to Skype (a clause that has both good and bad effects).

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Ideas for 2008 and beyond (no commitment).

- Back-end:
  - web-based login, token-based authentication for web apps, additional directory web services,
  - skype4web: contacts and more
- Core P2P:
  - video access API, Skype Prime APIs, directory APIs
  - API usage tracking
- Client UI:
  - reusable UI components
  - public API via stdio and maybe http
- Wrappers:
  - more support for third-party wrapper development

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Current issues

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Platform issues, August 2007

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Platform issues closed in August 2007

Issue Navigator — Platform issues closed in Aug07

Displaying issues **1** to **20** of **67** matching issues. [Permlink]

Current View:
Browser | Printable | XML | Full Content (HTML | Word) | Excel (All fields | Current fields)

- Bulk Change: all 67 issue(s) | current page
- Configure your Issue Navigator
- Set Column Order for filter

1 | 2 | 3 | 4 | Next >>

T	Key	Summary	Assignee	Reporter	Pr	Status	Res	Created	Updated	Due	Votes	BT
	PIF-708	Not possible to sort Featured extras	Mirje Tsernobrovkin	Aleksandr Ganzha		Closed	Won't Fix	2007-07-24	2007-08-31		0	59378
	JSA-1	Skype Freeze when an UNPLACED call status is requested through the API on Windows	Peeter P. Mötsküla	Kamal Munir		Closed	Off-topic	2006-07-11	2007-08-30		0	
	JSA-26	DTMF not forwarded correctly in SkypeOut call ?	Unassigned	Pascal Maugeri		Closed	Duplicate	2007-06-19	2007-08-30		0	
	SPA-360	DTMF tones are corrupted in a call from landline/mobile phone to Australia Skypein number	Peeter P. Mötsküla	Jacky Fu		Closed	Duplicate	2007-08-21	2007-08-30		0	61700
	SPA-316	Public API to turn off/on DTMF tones	Peeter P. Mötsküla	Justin		Closed	Won't Fix	2007-06-15	2007-08-30		3	
	SPA-310	SkypeIn DTMF recognition	Peeter P. Mötsküla	spud5		Closed	Duplicate	2007-05-16	2007-08-30		2	

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Current issues on Jira

- You can track the platform-related bug reports and feature requests on Jira, our public issue tracker.
- We'll keep the issues listed there updated with new information as it becomes available.
- You can file your own issues and comment on the existing ones.
- Monthly statistics on the number of active, new, closed, and open issues, as well as links to the relevant Jira queries are available on https://developer.skype.com/RoadMap

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Thank you.

skype:ppmotskula

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